



IPEM INTERNATIONAL SCHOOL & COLLEGE
CLASS – PRE-NURSERY
Syllabus for the Year 2019 –'20 (1st Term)

English	Oral Singing and recognition of Alphabets A to Z with Pictures and Objects
Pattern Writing	, —, +, /, \, ^, C, O, O
Pattern Writing Book	Pages 1 to 40
Math Oral	Daily oral Drill 1 to 30 Numbers, 1 to 10 identification and counting with objects
Math Writing	, —, +, /, \, ^, C, O, O
E.V.S.	1. My family and me, Vegetables, Fruits, Flowers, Body Parts.
Environmental Studies	Pages 1 to 16
Conversation	Myself
Art	Stage 1 – Pages 4 to 17, Stage 2 – Pages 4 to 17
Canvas Art Book	Pages 3 to 17
English Rhymes (All in one book)	1. Early to Bed 2. Rain on the green grass 3. Johnny-Johnny 4. Jingle Bells Jingle Bells 5. Twinkle-Twinkle little star 6. Golden Rules 7. Cobbler, Cobbler Mend My Shoe 8. Hush A Bye 9. Hickory, Dickory, Dock 10. Knock At The Door 11. Mary Had A Little Lamb 12. The Moon
Hindi Rhymes	(1) आम (2) गुड़िया रानी (3) चीटी (4) हँसना (5) बंदर मामा (6) उल्लू राम (7) झण्डा (8) मोर (9) बारिश आई



IPEM INTERNATIONAL SCHOOL & COLLEGE
CLASS – PRE-NURSERY
Syllabus for the Year 2019 –'20 (2nd Term)

English	Oral Singing and recognition of Alphabets A to Z with Pictures and Objects
English Writing	Alphabets : T, I, L, F, E, H
Pattern Writing Book	Pages 41 to 80
Math	Daily oral Drill 1 to 30 Numbers, 1 to 20 identification of numbers and counting with objects 1 to 30
Math Writing	1, 7, 2, 3, 6, 9
E.V.S.	1. Good Habits 2. Insects 3. Juices and Drinks 4. Our Helpers 5. Reptiles 6. Wild Animals
Environmental Studies	Pages 17 to 32
Conversation	Myself and my Family
Art	Stage 1 – Pg. No. 18 to 36, Stage 2 – Pg.No. 18 to 34
Canvas Art Book	Pages 12 to 22
English Rhymes	1. Humpty Dumpty 2. Good Night, Sleep Light 3. Chubby Cheeks 4. Ten Little Fingers 5. Clap your hands 6. Butterfly 7. Number Rhymes 8. Eena Meena 9. Are you sleeping
Hindi Rhymes	(1) चंदा मामा (2) बीच सड़क में कभी न आओ (3) घोबी (4) आसमान में सूरज एक (5) भोर निकला हिम्मत वाला (6) काठी का घोड़ा (7) लाला जी (8) मछली



IPEM INTERNATIONAL SCHOOL & COLLEGE
CLASS – NURSERY
Syllabus for the Year 2019 – '20 (1st Term)

English	Oral	All in one : A to Z recognition of Alphabets with Objects
	Written	English Practice A :- Pgs. 4 to 61, {L, T, I, E, F, H, A, N, M, V, W, K, X, Y, Z}
	Workbook	All in one :- {L, T, I, E, F, H, A, N, M, V, W, K, X, Y, Z}
	Topics	See the Picture and Write First Alphabet, Match the Alphabet to Alphabet, Match the Alphabet to the Picture, Circle the correct Alphabet, Dictation
	Conversation	Question & Answer According to the sheet pasted in School Diary
	Rhymes	Smile (1) :- 2 to 9
Numbers	Oral	1 to 10 Identification, 1 to 30 (oral)
	Written	Maths Practice – A : Pages 4 to 47 {Numbers 1 to 10}
	Work Book	All in One : - Numbers 1 to 10
	Topics	Match Number to Number, Count and Write, Count and Circle the correct Number, Big and Small, 1 to 10 in Sequence
Hindi	Oral	All in One :- अ से अ: with Objects
	Written	Hindi Practice 1 : Pgs. 4 to 39 {उ, ऊ, अ, आ, ओ, औ, अं, अः}
	Work Book	All in One :- {उ, ऊ, अ, आ, ओ, औ, अं, अः}
	Topics	चित्र देखकर स्वर लिखो, स्वरों को स्वरों से मिलाओ, स्वरों को चित्रों से मिलाओ, इमला
	Rhymes	मुस्कान (1) :- 2 to 9
E.V.S.	Oral	All in One (Mini Album) – Pgs. 2 to 13, Question / Answer according to sheet pasted in school diary
Colouring		Art & Craft Zone A :- Pgs. 1 to 15
My Book of Patterns		Pages 1 to 45



IPEM INTERNATIONAL SCHOOL & COLLEGE
CLASS – NURSERY
Syllabus for the Year 2019 – '20 (2nd Term)

English	Oral	All in one :- A to Z recognition of Alphabets with Objects
	Written	English Practice : A :- Pgs. 62 to 104, {U, B, D, P, R, C, G, S, O, Q, J}
	Workbook	All in one :- {U, B, D, P, R, C, G, S, O, Q, J}
	Topics	Match the Alphabet to Alphabet, Match the Alphabet to the Picture, See the Picture and Write First Alphabet, Fill in the Missing Alphabet, A to Z in Sequence, Dictation
	Conversation	Question & Answer According to the sheet pasted in School Diary
	Rhymes	Smile (1) : 10 to 16
Numbers	Oral	1 to 50, 1 to 20 Identification
	Written	Maths Practice – A :- Pgs 48 to 88 {Numbers 11 to 20}
	Work Book	All in One :- Numbers 11 to 20
	Topics	Match Number to Number, Count and Write, Count and Circle the correct Number, Fill in the Missing Number, What comes After, 11 to 20 in Sequence
Hindi	Oral	All in One : अ से अ: with Objects
	Written	Hindi Practice 1:- Pages 40 to 72 {ए, ऐ, इ, ई}
	Work Book	All in One :- {ए, ऐ, इ, ई}
	Topics	स्वरों को स्वरों से मिलाओ, स्वरों को चित्रों से मिलाओ, चित्र देखकर स्वर लिखो, स्वरों के बाद का स्वर लिखो, अ से अ: तक, इमला
	Rhymes	मुस्कान (1) :- 10 to 16
E.V.S.	Oral	All in One (Mini Album):- Pgs. 14 to 24, Question & Answer according to sheet pasted in school diary
Colouring		Art & Craft Zone A :- Pages 16 to 30
My Book of Patterns		Pages 46 to 80

**IPEM INTERNATIONAL SCHOOL & COLLEGE****CLASS – K.G.****Syllabus for the Year 2019 – '20 (1st Term)**

English Copy	A to Z, a to z, a to z, Pairing Aa to Zz, Match alphabet with Picture, Circle the Correct Alphabet, Write the First Alphabet of the Picture, Change into Capital & Small, 2 Letter Words, Missing Alphabets, Dictation,
English Practice Book 2	Page no. 4 to 21, 26 to 37
Learning in Steps	Page no. 4 to 38
Rhymes	1. Rain 2. Come Little Children 3. One Two 4. Washing Day 5. Chubby Cheeks 6. What I can do 7. Jack and Jill 8. Ding Dong Bell
Math Copy	Numbers 1 to 50, Number names 1 to 10, Count & Match, Missing Numbers 1 to 50, What comes After, Before and Between, Count and Circle, Reverse Counting 10 to 0, Count and Draw, Shapes (Draw and colour the following shapes Circle, Triangle, Square, Rectangle)
Math Practice Book 2	Page no. 6 to 29, 32 to 61, 64 to 73
Little Learners Numbers 1 – 100	Pages 2 to 54
Learning in Steps	Pages 88 to 91, 113 to 116
Hindi Copy	अ से अः, खाली स्थान भरो (अ से अः), क से ज्ञ, चित्र से अक्षर को मिलाओ, सही अक्षर पर गोला बनाओ, चित्र का पहला अक्षर लिखो, अक्षर पढ़कर चित्र बनाओ, इमला
Hindi Practice Book 2	Pages 4 to 77
Learning in Steps	Pages 52 to 69
Hindi Varn Abhyas	Pages 2 to 31
Hindi Rhymes	1. मुस्कान 2. नाचे बंदर मामा 3. बाग-बगीचे 4. आती रेल 5. गन्ने वाला 6. होली का त्योहार 7. आओ चंदा
EVS/G.K. Copy (Oral)	1. Parts of our Body 2. Birds 3. National Animal 4. National Bird 5. National Flag 6. Fruits 7. Vegetables 8. Flowers 9. National Fruit 10. National Game.
Smile and Learn Book	My Body, Fruits, Vegetables, Flowers, Birds
Learning in Steps	Pages 124, 126, 127
Conversation Topics	1. My Self 2. My School 3. My Class 4. Days of the Week 5. My Body Parts
Art & Craft Zone Book B	Pages 1 to 15

**IPEM INTERNATIONAL SCHOOL & COLLEGE****CLASS – K.G.****Syllabus for the Year 2019 – '20 (2nd Term)**


English Copy	Vowels, Consonants, 3 & 4 letter Words, Name the Pictures, Join the Letters, Draw the pictures, Circle the Correct Word, Match Word with Picture, Use of This/That, Use of A/An, Rhyming Words, Dictation
English Practice Book 2	Pages 22 to 25, 38 to 120
Learning in Steps	Pages 39 to 50
Word Sound Stage 2	Reading Book - Pages 8 to 83, 87, 91
English Rhymes	Pussy Cat Pussy Cat, Hop A Little, Humpty Dumpty, Days of the Months, Baa! Baa! Black Sheep, Teddy Bear Teddy Bear, Traffic Lights, Hot Cross Buns
Math Copy	Numbers 51 to 100, Number Names 11 to 20, Reverse Counting 20 to 0, What comes After, Before and Between, Complete the line, Match number with number name, Draw and colour the following shapes (Semi Circle, Oval, Star, Cone)
Math Practice Book 2	Pages 74 to 91, 94 to 118, 120
Little Learners Numbers 1 – 100	Pages 58 to 63, 72
Learning in Steps	Pages 92 to 112, 117, 118
Hindi Copy	क से ज्ञ तक, लाइन पूरी करो, 2-3 अक्षर वाले भाब्द, चित्रों के नाम लिखो, अक्षर जोड़कर लिखो, सही भाब्द पर गोला बनाओ, चित्र को भाब्द से मिलाओ, खाली स्थान भरो, भाब्द पढ़कर चित्र बनाओ, इमला
Hindi Practice Book 2	Pages 78 to 125
Learning in Steps	Pages 70 to 78, 84, 86
Hindi Varn Abhyas	Pages 32 to 56
Hindi Rhymes	जाओ स्कूल, भालू की भादी, प्रार्थना, प्यारे गाँधी, रोज नहाना, आया जाड़ा, सूरज, ईद मुबारक
EVS/GK Copy (Oral)	Animals (Pet, Wild, Domestic & Sea), Land Transport, Insects, Our Helpers, Shapes and Colours
Smile and Learn (Book)	Colours, My Clothes, My Classroom, My Home, Land Transport, They Help us, Animals (Wild & Water) Insects, Festivals, Good Manners and Habits, Cleanliness
Learning in Steps	Pages 120 to 123, 125, 128
Conversation Topics	Good Manners, Cleanliness, People who help us, Family Tree, Month of the year
Art & Craft Zone Book B	Pages 16 to 30

**IPEM INTERNATIONAL SCHOOL & COLLEGE****CLASS – PREP.****Syllabus for the Year 2019 – 20 (1st Term)**

ENGLISH COPY	3 Letter Words (Sound of a,e,i,o,u), 4 Letter Words, Name the Pictures, Use of A/An, Circle the correct word, Concept of This/That, These/Those, He/She, Opposites, Rhyming Words, Dictation Words
BOOK SMILE (RHYMES)	After a Bath, Peter the Clown, Ten little Fingers, Golden Rules, Tooth Brush, Higgledy Piggledy, Little Jack Horner, Tea-Pot, Five Little Soldiers, Two Little Dicky-Birds
CONVERSATION TOPICS	My Home, Cleanliness
CREATIVE ENG. COURSE BOOK	Pages 5 to 30
STORY TELLING-SMILE RHYMES	Thirsty Crow (Page 23)
ENGLISH CURSIVE PRACTICE A	Pages 4 – 63
SMILE & LEARN ENGLISH (TINY TOTS)	Pages 1 – 36, 49, 50, 61 – 66, 69 – 80
LEARNING IN STEP 2(A)	Pages 4 – 54
MATHS COPY	Numbers 101 – 300, Number name 1 – 50, Before, After, Between, Reverse counting (50 – 0), Match number with number names, Increasing, decreasing orders, Put sign <, > or =, Addition one digit, Subtraction one digit, Table of 1, Shapes ○, □, △, ▭, ○
MATHS PRACTICE 3	Pages 4 – 49, 58, 59, 66, 67, 74, 75, 82, 83, 90 – 101
ZIG ZAG ZOOM (MY NUMBER)	Pages 6 – 35, 40 – 83, 87, 89, 90, 94, 97, 101, 104, 108, 110, 111, 115, 118
LEARNING IN STEPS 2A	Pages 90 – 103, 109 – 116
EVS COPY	Body parts and its functions, Sense organs, My Food, (Fruits & Vegetables), People who help us, Food from plants, Food from Animals, Things in the sky
ZIG ZAG ZOOM (EVS STUDIES)	Pages 5 – 15, 25 – 33, 51 – 54, 67 – 70
LEARNING IN STEPS 2A	Pages 120 – 128
G.K. COPY	Pair words, Public Places, Days of the Week, Colours, My Safety (W/S), Computer (W/s), Season (W/s)
ZIG ZAG ZOOM (EVS STUDIES)	Pages 34 – 46, 55 – 66, 71 – 74, 101 – 104
ART / CRAFT COPY	A Hut, A Tree, A Flag, A Bat and A Ball, A Boat
ART & CRAFT ZONE (C) BOOK	Pages 1 – 15
HINDI COPY WORK	दो/तीन/चार अक्षर वाले शब्द, गिनती 9 से 90 तक लिखना एवं पढ़ना, चित्र देखकर नाम लिखो, मिलान करो, सही शब्द पर गोला लगाओ, वाक्य बनाओ, अक्षरों को मिलाकर लिखो, सही शब्द लिखो, तुक मिलाकर शब्द लिखो, इमला शब्द
ORALS	फलों के नाम, सप्ताह के नाम, पशुओं के नाम, सब्जियों के नाम
SHABDH GYAN BOOK	Pages 2 से 48
MUSKAAN (बाल कविताएं)	मुस्कान, गाय, बाल दिवस, मोटू लाला, भालू राम, वर्षा रानी, तितली रानी, रंग – बिरंगे गुब्बारे, सुन्दर नीमा, दिव्या की चूहेदानी, बरसे पानी, कम्प्यूटर
SHABDH ABHYAAS	Pages 2 – 30,
LEARNING IN STEPS 2A	Pages 56 – 67



IPEM INTERNATIONAL SCHOOL & COLLEGE
CLASS – PREP.
Syllabus for the Year 2019 – 20 (2nd Term)

ENGLISH COPY	4 And 5 Letter Words, Concept Of In/On/Under, Use Of Is/Am/Are, Rearrange The Jumble Words, One And Many (Singular/Plural), Genders (Opposites), Action Words, Rhyming Words, Dictation Words, Make Sentences.
BOOK SMILE (RHYMES)	Mary Had A Little Lamb, Little Miss Muffet, Little Girl, Mickey Mouse, Rat-Tat-Tat, One Two Three, Ten Little Firemen, Here Is The Family, Pretending Sounds Of Animals, Days Of The Week And Months Of The Year
CONVERSATION TOPICS	Magic Words, Self Discipline
CREATIVE ENG. COURSE BOOK	Pages 30 – 35, 39 – 43, 46, 50 – 52, 55, 56, 59
STORY TELLING (SMILE RHYMES)	Fox and Grapes (page 24)
ENG. CURSIVE PRACTICE A	Pages 64 – 120
SMILE & LEARN ENG. (TINY TOTS)	Pages 37 – 48, 51 – 60, 67, 68
MATHS COPY	Numbers 301 – 500, Number Names 51 – 100, Before, After, Between, Reverse Counting (100 – 50), Match Number with Number Names, Complete the line, Addition and Subtraction 2 Digit, Tables Of 2, 3 (Oral), Shapes 
MATHS PRACTICE 3	Pages 50 – 57, 60 – 65, 68 – 73, 76 – 81, 84 – 89, 102 – 120
ZIG ZAG ZOOM (MY NUMBER)	Pages 84 – 86, 88, 91 – 93, 95, 96, 98 – 100, 102, 103, 36 – 39, 105 – 107, 109, 112 – 114, 116, 117
LEARNING IN STEPS 2A	Pages 104 – 108, 117 – 118
EVS COPY WORK	Transport (Air, Water, Land), Animals (Wild, Water, Pet/Domestic), Flowers, Festivals, Living/Non Living Things, Natural Things
ZIG ZAG ZOOM (EVS STUDIES)	Pages 79 – 90
GK – COPY	National Festivals, National Leaders, Months of the Year, Games (Indoor, Outdoor), Healthy and Unhealthy Food, National Symbols (W/s), Our Country (W/s)
ZIG ZAG ZOOM (EVS STUDIES)	Pages 16 – 24, 47 – 50, 75 – 78, 91 – 100
ART / CRAFT COPY	A Fish, A Joker, A Kite, The Moon and the Stars, A Christmas Tree, A Softy
ART & CRAFT ZONE (C) BOOK	Pages 16 – 30
HINDI COPY	मात्राएँ (आ (i), इ (i), ई (i), गिनती ११ से २० तक लिखना और पढ़ना, वाक्य प्रयोग, मिलान करो, चित्र का नाम लिखो, अक्षर और मात्राएँ जोड़कर लिखो, सही शब्द पर गोला लगाओ, मात्रा लगाकर शब्द बनाओ, इमला शब्द, चित्र देखकर वाक्य पूरा करो।
ORALS	त्योहारों के नाम, पक्षियों के नाम, फूलों के नाम, महीनों के नाम
MUSKAAN (बाल कविताएँ)	बंदर का मोबाइल, फिसला निक्कू, क्यों कोहरा पड़ता, दादा जी का पोता, हाथी मजा लगाए, रेल चली है, मदारी मँगरू, जाड़े में, नन्हें पंछी, क्रिसमस, होता गाँव हमारा
SHABDH ABHYAAS	Pages 31 – 48
LEARNING IN STEPS 2A	Pages 68 – 88

**IPEM INTERNATIONAL SCHOOL & COLLEGE****CLASS – 1****Syllabus for the Year 2019 – 20**

Eng. Language-Unit Test-1 1st Term	Ch-1. Naming Words, Ch-2. Male and Female Ch-1. Naming Words, Ch-2. Male and Female, Ch-2. One and Many, Ch-3. This/That is, Ch-4. These are/ Those are, Ch-14. The Sentence Picture Composition : a) A Parrot, (b) Our National Flag Essay : a) My Family, b) Safety Rules
Unit Test-2 2nd Term	Ch-3. A and An, Ch-5. Describing Words Ch-3. A and An, Ch-5. Describing Words, Ch-9. Doing Words, Ch-1. Opposites, Ch-12. Position Words Picture Composition : a) A Book b) An Elephant Essay : a) My Country b) Independence Day
Eng. Literature-Unit Test-1 1st Term	Ch-2. The Hare and the Tortoise Ch-2. The Hare and the Tortoise, Ch-1. I can (Poem) Ch-3. Noddy Meets Big Ears, Ch-5. The Donkey and his Masters (Reading), Ch-7. Tommy's Five Senses (Poem), Ch-8. Pinocchio
Unit Test-2 2nd Term	Ch-6. The Sheep Pig Ch-4. My Friend (Poem), Ch-6. The Sheep Pig, Ch-10. I Have A Little Frog (Poem), Ch-9. Fantastic Mr. Fox, Ch-11. The Ant And The Grasshopper, Ch-12. The Fox And The Crow (Reading)
Eng. Conversation-1st Term	Ch-1. Mastro Cherry Finds A Piece Of Wood, Ch-2. Mastro Cherry Gives The Piece Of Wood To Geppetto, Ch-3. The Marionette And His Pranks, Ch-4. Pinocchio Burns His Feet, Ch-5. Geppetto Makes Pinocchio A New Pair Of Feet
2nd Term	Ch-6. The Marionettes And The Fire – Eater, Ch-7. The Wicked Cat And The Fox, Ch-8. The Blue Fairy With Azure Hair, Ch-9 Pinocchio Robbed And Then Punished, Ch-10. Pinocchio Goes To The Aid Of His Father
Maths-Unit Test-1 1st Term	Ch-1. Number Upto 10, Number Names (101 – 150) Ch-1. Number Upto 10, Ch-2. Number Upto 20, Ch-3. Number Upto 50, Ch-4. Numbers Upto 100, Number Names (101 – 200), Tables 2 To 6
Unit Test-2 2nd Term	Ch-5. Addition And Subtraction Upto 99, Number Names (201 – 250) Ch-5. Addition And Subtraction Upto 99, Ch-6. Introduction To Multiplication, Ch-8. Shapes, Ch-10. Time, Number Names (201 – 300), Tables 7 To 12
Science-Unit Test-1 1st Term	Ch-5. My Family Ch-5. My Family, Ch-7. Festivals, Ch-8. Food, Ch-10. Water, Ch-12. Clothes, Ch-13. Air
Unit Test-2 2nd Term	Ch-16. My Neighbours Ch-17. People Who Help Us, Ch-18. Plants Around Us, Ch-19. Animals Around Us, Ch-20. Means Of Transport, Ch-22. Sun, Moon, Sky And Stars
Hindi - Unit Test-1 1st Term	खंड 1 – आ से ऊ की मात्रा (Ch-2 से Ch-4) भाषा (Ch-1) खंड 1 – उ से पदेन र की मात्रा के शब्द (Ch-4 से Ch-8) खंड 2 – Ch-1. प्रार्थना (कविता), Ch-2. दरजी की शरारत, Ch-4. हमारा बगीचा, Ch-5. होलो आई (कविता) Ch-1. भाषा, Ch-2. वर्णमाला, Ch-5. संज्ञा, Ch-6. लिंग, चित्र लेखन – आम, निबंध – कुंभ मेला, Reading : Ch-3. प्यासा कौवा
Unit Test-2 2nd Term	खंड 2 – Ch-6. मेरा परिवार, Ch-7. वचन खंड 2 – Ch-6. मेरा परिवार, Ch-7. राष्ट्रीय पक्षी मोर, Ch-8. जब बरसा पानी, Ch-9. रंगबिरंगी तितली (कविता) Ch-7. वचन, Ch-9. विशेषण, Ch-10. क्रिया, Ch-12. विलोम शब्द, चित्र लेखन – तितली, निबंध – बाल दिवस, Reading : गिलहरी ने सिखाया (Pages 73 – 74)
Hindi Conversation 1st Term	Topic : हमार त्योहार
2nd Term	Topic : पर्यावरण
G.K.-1st Term	Ch-2. Little Ones, Ch-3. Birds Talk, Ch-9. Green Friends, Ch-15. Taking Shelter, Ch-16. At Your Service, Ch-24. Our Sky, Ch-29. India is Great, Ch-30. Festive India
2nd Term	Ch-31. Great Indians, Ch-33. What do They Speak?, Ch-35. Popular in the World, Ch-36. Cricketers and Football Players, Ch-37. Let's Have Fun (only musical instruments), Colourful World of Birds in the Jungle

<u>Moral Science-1st Term</u>	Ch-1. Thank God, Ch-2. In God we Trust, Ch-3. Self help is the best help, Ch-4. Food is precious, Ch-5. Good Habits are forever, Ch-6. Love and Respect All. Lord's Prayer
<u>2nd Term</u>	Ch-7. Love your Family, Ch-8. Let's be Punctual, Ch-9. Work is Worship, Ch-10. Courtesy and Good habits, Ch-11. Honesty is the best policy, Ch-12. Be kind to all. Pledge
<u>Art & Craft</u> <u>Art & Craft zone book 1st</u> <u>Term</u> <u>Craft Art Book</u>	Pages : 1 to 15 for Class work Drawing copy :- Draw and colour : A House, A Tree, A Flower, A Kite Page 8 : Hut – Colour the hut and Decorate with Pencil Shaving Page 10 : Sheep – Colour the Sheep and paste white cotton Ball Page 12 : Balloon – Decorate with Different colours of Dry glitters Page 13 : Birds – Toothbrush Spray Page 14 : Under Sea World – Trace and Colour the picture and decorate it with glitter tube
<u>Art & Craft zone book 2nd</u> <u>Term</u> <u>Craft Art Book</u>	Pages : 16 to 30 for Class work Drawing copy :- Draw and colour : A Fish, A Mango, A Grapes, An Apple Page 19 : Birds – Colour the Birds and Decorate with different colours of bindi Page 24 : Garden – Let's make a beautiful garden scene using crayon shavings and decorate it. Page 25 : Butterflies – Colour the Butterflies and decorate with different sticker stones Page 29 : Glider – Ice Cream stick craft Page 30 : Pigeon – Origami
<u>Computer</u>	Unit Test 1 : Ch. 1 Computer – A Machine 1st Term : Ch. 1 Computer – A Machine, Ch.2 Uses of computers, Ch.3 Parts of a computer, Ch.4 Using Computers Do's & Don'ts
	Unit Test 2 : Ch. 5 Using a Mouse 2nd Term : Ch. 5 Using a Mouse, Ch.6 Computer Keyboard, Ch.7 Storage Devices



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class – 2 Syllabus Year 2019 – 2020

ENGLISH LANGUAGE	<p>1st UNIT TEST – 1.Ch-1 – Nouns 2. Ch-1 – (Vocabulary) – Opposites 1st TERM – 1. Ch-1 – Nouns 2. Ch-2 – One and Many 3. Ch-3 – A, An and The 4. Ch-5 – Being Verbs 5. Ch-6 – Having Verbs 6. Ch-17 – The Sentence 7. Ch-18 – Punctuation 8. Ch-1 – (Vocabulary) – Opposites 9. Ch-2 – (Vocabulary) – Similar Words 10. Essay 11. Picture Composition. 2nd UNIT TEST– 1. Ch-4 – Pronouns 2. Ch-1- (Vocabulary) 2nd TERM–1. Ch-4 – Pronouns 2. Ch-7 – Simple Present Tense 3. Ch-9 – Simple Past Tense 4. Ch-11 – Adjectives 5. Ch-12 – Comparison of Adjectives 6. Ch-15. Preposition 7. Ch-18 – Punctuation 8. Ch-1 – (Vocabulary) – Opposites 9.Ch-2- (Vocabulary) – Similar Words 10. Essay 11. Picture Composition. Chapter included from 1st Term:-Nouns.</p>
ENGLISH LITERATURE	<p>1st UNIT TEST– 1. Ch-2 – Noddy's Unlucky Day 1st TERM–1. Ch-1 – A Caring Heart (Poem) 2. Ch-2 – Noddy's Unlucky Day 3. Ch-3 – The Apple Tree 4. Ch-4 – The Rainbow (Poem) 5. Ch-5 – Horrid Henry 2nd UNIT TEST– 1. Ch-8 – The Tale of Peter Rabbit 2nd TERM – 1. Ch-7 – The Boy who Never Told a lie.(Poem) 2. Ch-8 – The Tale of Peter Rabbit 3. Ch-9 – The Wise Sage 4. Ch-10 – Forgive Me Lord (Poem) 5. Ch-11 – The Trick That Did not Work</p>
SCIENCE	<p>1st UNIT TEST –1. Ch-5 –Our food 1st TERM –1. Ch-4 – Our Body 2. Ch-5 – Our food 3. Ch-6 – Water for all 4. Ch-7 – More about water 5. Ch-8 – The House We live in 2nd UNIT TEST– 1. Ch-10 – The Clothes We Wear 2nd TERM – 1. Ch-10 – The Clothes We Wear 2. Ch-11 – Air - Air everywhere 3. Ch-16 – Plants Around us 4. Ch-17 – Plants are useful 5. Ch-18 – Animals Around Us 6. Ch-21 – The Sun, Moon, Sky and Stars.</p>
MATHS	<p>1st UNIT TEST –1. Numbers Upto 200 (Unit 1) 2. Numbers Upto 1000 (Unit 2) 3. Tables Upto 10 1st TERM –1. Numbers Upto 200 (Unit 1) 2. Numbers Upto 1000 (Unit 2) 3. Addition (Unit 3) 4. Subtraction (Unit 4) 5. More Addition and Subtraction (Unit 5) 6. Multiplication (Unit 6) 7. Time (Unit 11) 8. Table Upto 15 2nd UNIT TEST– 1. Money (Unit 8) 2. Shapes (Unit 9) 2nd TERM – 1. Introduction to Division (Unit 7) 2. Money (Unit 8) 3. Shapes (Unit 9) 4. Measurement (Unit 10) 5. Tables Upto 20 Chapter included from 1stTerm :-1. Addition (Unit 3) 2. Subtraction (Unit 4)</p>
COMPUTER	<p>1st UNIT TEST –1.Ch-1 – Computer – An Electronic Device 1st TERM –1.Ch-1 – Computer – An Electronic Device 2. Ch-2 – Role of Computers 3. Ch-3 – Input & Output Devices 4. Ch-4 – Keyboard – Special Keys. *Practicals will be chapter based from book. 2nd UNIT TEST– 1. Ch-5 – Mouse – An Input Device 2nd TERM –1. Ch-5 – Mouse – An Input Device 2. Ch-6 – Introduction to Paint 3. Ch-7 – File Management an Introduction. *Practicals will be chapter based from book.</p>
MORAL SCIENCE	<p>1st TERM– 1. Ch-1 – Gratitude :- The Best Attitude 2. Ch-2 – Hygiene and Cleanliness 3. Ch-3 – Be your own Best Friend 4. Ch-4 – Safety Comes First 5. Ch-5 – Always Be on Time * Lords Prayer 2nd TERM – 1. Ch-6 – Be Truthful 2. Ch-7 – Determination and Resolve 3. Ch-8 – Be Kind to all 4. Ch-9 – Criticism and Praise 5. Ch-11 – Clean Surrounding 6. Ch-12 – Create a Green Earth * Pledge</p>
GK	<p>1st TERM– 1. Fruits around the world (Pg. 4, 5) 2. Looking same (Pg. 7) 3. Say 'No' to Plastic (Pg. 8) 4. Body Parts in Language (Pg. 19) 5. Naming Weather (Pg. 22) 6. Tools (Pg. 24) 7. Places of Worship (Pg. 30) 2nd TERM – 1.Honesty – The Best Policy (Pg. 13) 2. Be a Smart Child (Pg. 14, 15) 3. Harvest Festivals of India (Pg. 36) 4. Touring India (Pg. 37) 5. Our Food (Pg. 42) 6. Our Neighbouring Countries (Pg. 43) 7. Talented Sports Persons (Pg. 54)</p>
ART & CRAFT	<p>1st TERM:-ART– 1. Deer (Pg. 2) 2. Car (Pg. 3) 3. Owl (Pg. 4) 4. Boat in the river (Pg. 5) 5. Tree (Pg. 8) 6. Whale (Pg. 10) 7. Snail (Pg. 11) 8. Water melon (Pg. 15) 9. Scenery (Pg. 18) 9.. PAPERCRAFT– (Pg. 14) SILVER FOIL – (Pg. 19) 2ndTERM :-ART – 1. Fish (Pg. 20) 2. Garden (Pg. 21) 3. Dinosaur (Pg. 22) 4. Squirrel (Pg.23) 5.. Crow & Fox (Pg. 24) 6.Peacock (Pg. 26) 7. Geometrical Shapes (Pg. 27) 8. My Favourite Animal (Pg. 29) 9. Pond (Pg. 31) 10. Cock & Hen (Pg. 35) CRAFT – Fish - Waste Material (Pg. 38) Tree – Paper Wool Pasting (Pg. 30)</p>
HINDI LITERATURE	<p>1st UNIT TEST –पाठ–2 फूल और चिड़िया 1st TERM –पाठ– 1 बादल (कविता) पाठ– 2 फूल और चिड़िया पाठ– 3 बा-बा और म-में पाठ– 4 गुब्बारेवाला (कविता) पाठ– 7 झूठा मित्र 2nd UNIT TEST–पाठ– 10 पाँच वर्ष का बूढ़ा 2nd TERM –पाठ– 10 पाँच वर्ष का बूढ़ा पाठ– 15 तुम न करना कभी लड़ाई (कविता) पाठ– 16 राजा का हाथी</p>

	<p>पाठ- 17 रूप और गुण पाठ- 18 तिरंगा (कविता)</p>
HINDI LANGUAGE	<p>1st UNIT TEST -पाठ-6 संज्ञा 1st TERM -पाठ-5 वाक्य पाठ-6 संज्ञा पाठ-7 लिंग पाठ-8 वचन पाठ-9 सर्वनाम पाठ-12 पर्यायवाची (1 to8) पाठ-12 विलोम भाब्द (1 to15) चित्र निबंध निबंध</p> <p>2nd UNIT TEST-पाठ-10 वि'शेषण 2nd TERM -पाठ-7 लिंग पाठ- 8 वचन पाठ-10 वि'शेषण पाठ-11 किया पाठ-12 पर्यायवाची भाब्द (9 to16) पाठ-12 विलोम भाब्द (16 to30) पाठ-12 वाक्या'गा के लिए एक भाब्द चित्र निबंध निबंध</p>



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class – 3 Syllabus Year 2019 – 2020

ENGLISH LANGUAGE	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : The Sentence 2. Ch-2 : Subject & Predicate 3. Ch-3 : Nouns TEST – 2 - 1. Ch-4 : Article 2. Ch-5 : Singular / Plural 3. Ch-6 : Gender TEST – 3- 1. Ch-7 : Pronouns 2. Ch-9 : Demonstratives 3. Ch-10: Possessives (a). Ch-20 : Punctuation (b). Prefixes (c). Synonyms (d). Similes (e). Phrasal Verbs (f). Suffixes (g). Homophones (h). Comprehension Passages – 2 (Passage 1 & 2) (i). Essays – 2 (1 Known and 1 Unknown Topic) (j). Letter Writing – 1 (Informal Letter)</p> <p>2nd TERM –All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-8 : Adjectives 2. Ch-11: Comparison of Adjectives 3. Ch-17: Adverbs TEST – 5 - 1. Ch-12: Simple Present Tense 2. Ch-14: Simple Past Tense 3. Ch-16 : Simple Future Tense TEST – 6 - 1. Ch-13 : Present Continuous Tense 2. Ch-15: Past Continuous Tense 3. Ch-18 : Conjunctions 4. Ch-19 : Preposition (a). Ch-20 : Punctuation (b). Prefixes (c). Synonyms (d). Similes (e). Phrasal Verbs (f). Suffixes (g). Homophones (h). Comprehension Passages – 2 (Passage 3 & 4) (i). Essays – 2 (Both Unknown Topics) (j). Letter Writing – 1 (Formal Letter / Application) Chapter included from the 1st Term:-1. Ch-4 : Articles</p>
ENGLISH LITERATURE	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-3 : How to Recognise a Witch 2. Poem : The Months TEST – 2 - 1. Ch-2 : The Blue Umbrella 2. Ch-6 : Heidi's First Day with Grandfather Alm TEST – 3 - 1. Poem : Bed's Best 2. Ch-9: Matilda</p> <p>2nd TERM –All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-8 : Mole's Adventure 2. Poem: God Made Us TEST – 5 - 1. Ch-12 : Grandfather's Private Zoo 2. Poem : Land of Storybooks TEST – 6 - 1. Ch-14: The Selfish Giant 2. Ch-15 : Noah's Ark</p>
SCIENCE	<p>1st TERM– All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : Living and Non Living Things TEST – 2 - 1. Ch-2 : Human Body 2. Ch-3 : Birds TEST – 3 - 1. Ch-5 : Plants in the Surroundings 2. Ch-6 : Food We Get from Plants</p> <p>2nd TERM –All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-10 : The Sun as A Natural Resource TEST – 5 - 1. Ch-7: Forms of Matter Solids, Liquids and Gases 2. Ch-8: Some Properties of Water TEST – 6 - 1. Ch-9 : Water As a Resource 2. Ch-11 : Health and Cleanliness</p>
MATHS	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : Number 2. Ch-2 : Addition TEST – 2 - 1. Ch-3 : Subtraction 2. Ch-4 : Multiplication TEST – 3 - 1. Ch-5 : Division 2. Ch-6 : More about Division</p> <p>2nd TERM –All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-7 : Money 2. Ch-8 : Geometry TEST – 5 - 1. Ch-9 : Measurement TEST – 6 - 1. Ch-10 : Time 2. Ch-13 : Fractions</p>
SOCIAL STUDIES	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-3 : Changes in the Transport System 2. Ch-5 : People Who Help Us TEST – 2 - 1. Ch-6 : Caring for Others 2. Ch-7 : Safety Rules at Home, School and on the Road. TEST – 3 - 1. Ch-8 : First Aid 2. Map Work : Political Map of India- Mark Neighbouring seven Countries of India.</p> <p>2nd TERM –All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-9 : Understanding Indian Heritage. 2. Ch-10 : Our Rich Heritage Buildings and Monuments. TEST – 5 - 1. Ch-12 : National Symbols 2. Ch-13 : Our Festivals TEST – 6 - 1. Ch-14 : The Earth and the Solar System 2. Map Work : Political Map of India- Mark Ten States.</p>
COMPUTER	<p>1st TERM: 1. Ch-1 : A Computer System 2. Ch-2 : GUI Operating System as Introduction 3. Ch-3 : More on Ms Window 7 4. Ch-4 : Word Processor - An Introduction Practical will be chapter based.</p> <p>2ndTERM : 5. Ch-5 : The Internet – An Introduction 6. Ch-6 : More on Internet 7. Ch-7 : Fun with paint 8. Ch-8 : File Management Organization of Folders Practical will be chapter based.</p>
MORAL SCIENCE	<p>1st TERM : 1. Ch-1 : Trust the Almighty 2. Ch-2 : Trust Yourself 3. Ch-3 : Health is Wealth 4. Ch-5 : Time is Precious 5. Ch-6 : All Men are Equal 6. Ch-7: Education is Key To Success Lord's Prayer</p> <p>2ndTERM : 7. Ch-8 : Respect Your Teachers 8. Ch-9 : Courage and Strength 9. Ch-10 : Unity is Strength 10. Ch-11 Never Be Greedy 11. Ch-12 : Avoid Bad Company 12. Ch-13 : Spread Peace Pledge</p>
GK	<p>1st TERM : 1. Ch-3 : Festivals and States (Pg. 7) 2. Ch-5 : The Land of Snowy Mountains (Pg. 10-11) 3. Ch-6 : Dancing India (Pg. 12) 4. Ch-8 : People and Religions (Pg. 14-15)</p>

	<p>5. Ch-10 : World of Currency (Pg. 18) 6. Ch-11 : Places of Tourist Interest (Pg. 19) 7. Ch-17 : Amazing Animals (Pg. 26) 8. Ch-18 : Strange in Nature (Pg. 27)</p> <p>2nd TERM : 1. Ch-29 : Be a Smart Child (Pg. 42-43) 2. Ch-31 : Colourful Phrases (Pg. 45) 3. Ch-32 : Words for Groups (Pg. 46) 4. Ch-35 : To Play A Game (Pg. 49) 5. Ch-37 : From Bolly Wood (Pg. 52) 6. Ch-38 : Folk Musical Instruments (Pg. 53) 7. Ch-39 : Dances of the World (Pg. 54) 8. Ch-45 : Wonder Machines (Pg. 61)</p>
ART & CRAFT	<p>1st TERM : ART – 1. Butterfly (Pg. 1) 2. Flowers (Pg. 2) 3. Hot Air Balloon (Pg. 3) 4. Bells (Pg. 4) 5. Pencil Shaving (Pg. 8) 6. Peacock (Pg. 9) 7. Princess (Pg. 12) 8. Flower Pot (Pg. 23) 9. Scenery (Pg. 24) 10. Save the Earth (Pg. 27) 11. Fruit Basket (Pencil Shading) Craft – 2 Craft Items</p> <p>2nd TERM : ART – 1. Designs (Pg.13) 2.Parrot (Pg.14) 3.Dolphin (Pg.18) 4.Caterpillar (Pg.19) 5.Fairy (Pg.25) 6.Snowman (Pg.29) 7.Cat (Pg.32) 8.Lake View (Pg.21) 9.Save Water (Pg.33) 10.Duck and Ducklings (Pg.35) 11.Flower Vase (Pencil Shading) Craft – 2 Craft Items</p>
HINDI LITERATURE	<p>1st TERM : All the Chapters of test 1,2,3 1. पाठ-1 प्रार्थना (कविता) 2. पाठ-3 डोली म राजकुमार 3. पाठ-5 दानवीर कर्ण 4. पाठ-6 रंगबिरंगी होली (कविता) 5. पाठ-7 आज्ञाकारी पुत्र 6. पाठ-10 मुरगा और चालाक लोमड़ी</p> <p>2nd TERM : All the Chapters of test 4,5,6 1. पाठ-9 चिड़िया (कविता) 2. पाठ-11 जैस को तैसा 3. पाठ-12 सौ गज जमीन 4. पाठ-14 समाधान 5. पाठ-18 बातूनी कछुआ 6. पाठ-19 हम अनेक किंतु एक (कविता)</p>
HINDI LANGUAGE	<p>1st TERM : All the Chapters of Test 1,2,3 पाठ-6 वाक्य पाठ-7 संज्ञा पाठ-8 वचन पाठ-9 लिंग पाठ-13 समानार्थी भाब्द पाठ-14 विलोम भाब्द पाठ-15 विराम चिन्ह पाठ-18 अनौपचारिक पत्र पाठ-19 निबंध अपठित गद्यांश</p> <p>2nd TERM : All the Chapters of Test 4,5,6 पाठ-8 वचन पाठ-9 लिंग पाठ-10 सर्वनाम पाठ-11 विशेषण पाठ-12 क्रिया पाठ-13 समानार्थी भाब्द पाठ-14 विलोम भाब्द पाठ-15 विराम चिन्ह पाठ-18 अनौपचारिक पत्र पाठ-19 निबंध अपठित गद्यांश</p>



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class – 4 Syllabus Year 2019 – 2020

<p align="center">ENGLISH LANGUAGE</p>	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : The Sentence 2. Ch-2 : Subject And Predicate TEST – 2 - 1. Ch-3 : Nouns 2. Ch-4 : Gender 3. Ch-5 : Number TEST – 3 - 1. Ch.6 : Articles 2. Ch-7 : Pronouns 3. Ch-10 : Adverbs (a). Ch-8 : Adjectives (b). Ch-9 : Degrees of Comparison (c). Ch-19 : Punctuation (d). Vocabulary: (i) Antonyms (ii) Synonyms (iii) Prefixes (iv) Suffixes (e). Essay Writing : (i) Known Topic (ii) Unknown Topic (f). Comprehension Passages – 2 (Passage 1 & 2) (g). Letter Writing: (i) Informal Letter (ii) Formal Letter</p> <p>2nd TERM – All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-11 : Simple Present Tense 2. Ch-13 : Simple Past Tense 3. Ch-15 : Simple Future Tense TEST – 5 - 1. Ch-12 : Present Continuous Tense 2. Ch-14 : Past Continuous Tense 3. Ch-16 : Future Continuous Tense TEST – 6 - 1. Ch-17 : Conjunctions 2. Ch-18 : Prepositions 3. Ch-20 : Subject - Verb Agreement (a). Ch-19 : Punctuation (Included from the 1st Term) (b). Vocabulary : (i) Antonyms (ii) Synonyms (iii) Prefixes (iv) Suffixes (c). Essay Writing : (i) Unknown Topic (ii) Unknown Topic (d). Comprehension Passages – 2 (Passages – 4 & 5) (e). Letter Writing : (i) Informal Letter (ii) Formal Letter</p>
<p align="center">ENGLISH LITERATURE</p>	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : Black Beauty's First Home 2. Ch-3 : Mr. Nobody (Poem) TEST – 2 - 1. Ch-2 : Down The Rabbit Hole 2. Ch-5 : Lucy Finds The Magic Wardrobe TEST – 3 - 1. Ch-6 : Don't Give Up (Poem) 2. Ch-7 : The Chocolate Room</p> <p>2nd TERM – All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-8 : Harry Visits Mr. Ollivander 2. Ch-12 : From A Railway Carriage (Poem) TEST – 5 - 1. Ch-10 : The New Friend 2. Ch-15 : Be Glad Your Nose is On Your Face (Poem) TEST – 6 - 1. Ch-13 : The Mystery Of The Mask 2. Ch-14 : Pandora's Box</p>
<p align="center">SCIENCE</p>	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : Food we eat 2. Ch-2 : Teeth TEST – 2 - 1. Ch-3 : The Digestive & Excretory System TEST – 3 - 1. Ch-4 : Adaptation in Animals 2. Ch-5 : Adaptation in Plants</p> <p>2nd TERM – All the chapters of Test – 4, 5 & 6. TEST – 4 - 1. Ch-6 : Plants in the Surroundings & Environment. TEST – 5 - 1. Ch-7 : Air 2. Ch-8 : Material & Solution TEST – 6 - 1. Ch-9 : Light 2. Ch-11 : Push & Pull</p>
<p align="center">MATHS</p>	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-1 : Large Numbers 2. Ch-3 : Decimals TEST – 2 - 1. Ch-4 : Addition & Subtraction 2. Ch-5 : Multiplication TEST – 3 - 1. Ch-6 : Division 2. Ch-8 :(Half) Multiples & L.C.M.</p> <p>2nd TERM – All the chapters of Test – 4, 5 & 6 as well as Ch-8 (whole) and Ch-3. TEST – 4 - 1. Ch-8 :(Half) Factors, H.C.F., Divisibility Prime & Composite Number, Prime Factorisation 2. Ch-9 : Geometry 3. Ch-7 : Money TEST – 5 - 1. Ch-2 : Fractions 2. Ch-10 : Perimeter & Area TEST – 6 - 1. Ch-11 : Measurement Ch-12 : Time</p>
<p align="center">COMPUTER</p>	<p>1st TERM – 1. Ch-1 : Computer Storage and Memory Device (UT-I) 2. Ch-2 : GUI – Operating System-Desktop Management 3. Ch-3 : Tools of Word Processor 4. Ch-4 : More on Word Processor Practical – Chapter Based</p> <p>2nd TERM – 1. Ch-5 : The Internet – Web Browser (UT-II) 2. Ch-6 : Presentation Software – An Introduction 3. Ch-8 : Features of File Management Practical – Chapter Based</p>
<p align="center">SOCIAL STUDIES</p>	<p>1st TERM – All the chapters of Test – 1, 2 & 3. TEST – 1 - 1. Ch-4 : Responsibilities of a Good Citizen 2. Ch-5 : Motions of the Earth TEST – 2 - 1. Ch-6 : Four Domains of the Earth TEST – 3 - 1. Ch-7 : Major landforms 2. Ch-8 : Maps – Our guides</p> <p>2nd TERM – All the chapters of Test – 4, 5 & 6 as well as Ch-16 (Map Work – River Map of India) TEST – 4 - 1. Ch-12 : Northern Mountains – The Himalayan Region TEST – 5 - 1. Ch-13 : The Northern Plains 2. Ch-14 : The great Indian Desert TEST – 6 - 1. Ch-15 : The Peninsular Plateaus 2. Ch-17 : Unity in Diversity</p>
<p align="center">MORAL SCIENCE</p>	<p>1st TERM – 1. Ch-1 : Devotion of God 2. Ch-2 : Be Cheerful 3. Ch-3 : Stay Healthy and Fit 4. Ch-4 : Presence of Mind 5. Ch-5 : Forgiveness Lord's Prayer</p>

	<p>2nd TERM – 1. Ch-9 : Gentleness 2. Ch-10 : The Winning Spirit 3. Ch-11 : Bravery 4. Ch-12 : Wisdom 5. Ch-15 : Never Give Up Pledge</p>
GK	<p>1st TERM – 1. Page 4 : Famous Gardens in India 2. Page 5 : Indian Superlatives 3. Page 13 : The First Indian Women to 4. Page 16 : Natural Wonders 5. Page 18 : Sobriquets 6. Page 29 : National Flowers 7. Page 35 : Move to Work 8. Page 43 : Quiz 1 9. Page 50-51 : Great Books</p> <p>2nd TERM – 1. Page 52 : Proverbs 2. Page 53 : National Games 3. Page 54 : CWG 2018 Champions from India 4. Page 55 : Soaring High 5. Page 57 : Musical Instruments 6. Page 62 : First in Space 7. Page 64 : Great Indian Scientists 8. Page 70 : Quiz - 2 9. Page 71-72 : Amazing facts</p>
ART & CRAFT	<p>1st TERM – 1. Book – Pg. No. 2, 4, 12, 13, 18 2. Copy – Pg. No. 6, 10, 19 3. Craft – Pg. No. 14, 17</p> <p>2nd TERM – 1. Book – Pg. No. 26, 28, 37, 38 2. Copy – Pg. No. 20, 23, 29 3. Craft – Pg. No. 22, 30</p>
HINDI LITERATURE	<p>1st TERM : All the Chapters of Test 1,2,3, 1. पाठ-1 प्रकृति की सीख (कविता) 2. पाठ-2 बेईमान मित्र 3. पाठ-4 विजयादमी 4. पाठ-5 बौरबल का न्याय 5. पाठ-7 हर बच्चा सुन्दर (कविता) 6. पाठ-8 सच्चा हीरा</p> <p>2nd TERM : All the chapters of Test 4,5,6 1. पाठ-11 दिल्ली यात्रा (कविता) 2. पाठ-13 दुःख का कारण 3. पाठ-14 एक जातक कथा 4. पाठ-16 मेरे बाबा 5. पाठ-17 सीता राम विवाह 6. पाठ-19 कर्मवीर (कविता)</p>
HINDI LANGUAGE	<p>1st TERM : All the chapters of test 1,2,3 1. पाठ-4 भाब्द और वाक्य 2. पाठ-5 संज्ञा 3. पाठ-6 लिंग 4. पाठ-7 वचन 5. पाठ-14 विराम चिह्न 6. पाठ-15 मुहावरे 7. पाठ-16 भाब्द विवेक 8. पाठ-17 पत्र-लेखन 9. पाठ-19 निबंध अपठित गद्यांश</p> <p>2nd TERM : All the chapters of Test 4,5,6 पाठ-6 लिंग पाठ-7 वचन पाठ-8 सर्वनाम पाठ-9 विशेषण पाठ-10 क्रिया और काल पाठ-14 विराम चिह्न पाठ-15 मुहावरे पाठ-16 भाब्द विवेक पाठ-17 पत्र-लेखन पाठ-19 निबंध अपठित गद्यांश</p>



IPES INTERNATIONAL SCHOOL & COLLEGE
CLASS – 5 Syllabus for the Year 2019 – 2020

<p align="center">ENGLISH LANGUAGE</p>	<p>1st Term – All the chapters of Test 1, 2 & 3</p> <p>Test 1-1. Ch.2. The Sentence 2.Ch.3. Transformation of Sentences 3.Ch.4. Subject & Predicate Test 2-1.Ch.5. Nouns 2. Ch.6.Number 3.Ch.7. Gender 4.Ch.8. Articles Test 3-1.Ch.19. Adjectives 2.Ch.20.Degree of Adjectives 3.Ch.21. Order of Adjectives (a).Ch.1.Parts of Speech. (b) Ch.9. Pronouns (c). Ch.10. Verbs (d).Ch.27. Punctuation (e).Easily confused words(f).Proverbs (g).Idioms (h).Phrasal Verbs (i).Comprehension (j).Two Letters (k).Two Essays</p> <p>2nd Term –All the Chapters of Test 4, 5 & 6</p> <p>Test 4- 1. Ch.11. Simple Present Tense 2. Ch.14. Simple Past Tense 3. Ch.17. Simple Future Tense 4. Ch.24. Prepositions Test 5- 1. Ch.12. Present Continuous Tense 2.Ch.15.Past Continuous Tense 3.Ch.18.Future Continuous Tense 4. Ch.25. Conjunctions Test 6-1. Ch.13. Present Perfect Tense 2. Ch.16. Past Perfect Tense 3. Ch.22. Adverbs 4. Ch.23. Comparison of Adverbs (a). Ch.26. Subject Verb Agreement (b). Ch.28. Direct and Indirect Speech (c). Easily Confused Words (d).Proverbs (e). Idioms (f). Phrasal Verbs (g).Comprehension (h).Two Letters (i).Two Essays (j).Punctuation (1st Term) (k).Articles (1st Term) (l).Pronouns (1st Term)</p>
<p align="center">ENGLISH LITERATURE</p>	<p>1st Term – All the chapter of Test 1, 2 & 3</p> <p>Test 1- 1. Ch.1. Stopping by the woods on a snowy evening (Poem) 2.Ch.2. Kabuliwallah Test 2- 1. Ch.3. Gulliver in Lilliput 2. Ch.4.The World is Mine (Poem) Test 3-1. Ch.5.The Flight to Neverland2. Ch.6. Christmas</p> <p>2nd Term – All the chapter of Test 4, 5 & 6</p> <p>Test 4-1. Ch.9. Anne Frank 2. Ch.10.A Teacher For All Seasons (Poem) Test 5-1. Ch.11. Robinson Crusoe 2. Ch.12.The Umbrella Man Test 6- 1. Ch.13.A Place For Me (Poem) 2.Ch.14. The Secret Garden</p>
<p align="center">MATHS</p>	<p>1st Term – All the Chapters of Test 1, 2 & 3</p> <p>Test 1- 1. Ch.2. Operations on Large Numbers 2. Ch.7. Integers Test 2-1. Ch.6. Multiples 2. Ch.3. Fractions Test 3- 1. Ch.4. Decimals 2. Ch.8. Geometry</p> <p>2nd Term – All the Chapters of Test 4, 5 & 6, as well as Ch. 2, 4, 7</p> <p>Test 4- 1. Ch.10. Measurement 2. Ch.5. Factors Test 5- 1. Ch.11. Perimeter, Area & Volume 2. Ch.12. Money Test 6- 1. Ch.13. Time & Temperature 2. Ch.14. Introduction to Percentage * NOTE: Simplification & BODMAS sums will be included in each test except Test 1.</p>
<p align="center">SCIENCE</p>	<p>1st Term – All Chapters of Test 1, 2 & 3</p> <p>Test 1-1. Ch.1. The Circulatory System 2. Ch.2. The Skeletal System Test 2-1. Ch.3. Food and Health Test 3-1. Ch.4. Pollination2. Ch.5.Plant Reproduction</p> <p>2nd Term – All Chapters of Test 4, 5 & 6</p> <p>Test 4- 1. Ch.6. Solids, liquids and Gases 2. Ch.7. Interdependence in Living being Plants & Animals. Test 5- 1. Ch.9. Work and Energy Test 6- 1. Ch.10. Light and Shadows 2. Ch.11.Simple Machines.</p>
<p align="center">SOCIAL STUDIES</p>	<p>1st Term – All Chapters of Test 1, 2 & 3</p> <p>Test 1-1. Ch.2. The Stone Age 2. Ch.5. Fundamental Rights and Duties Test 2- 1. Ch.6. Our Government 2. Ch.7. Latitudes and Longitude Test 3-1. Ch.8.Weather and Climate 2. Map Work, States & Capital, Sea & Oceans.</p> <p>2nd Term – All Chapters of Test 4, 5 & 6</p> <p>Test 4- 1. Ch.9. India-Location and Extent 2. Ch.12.Natural Vegetation Test 5- 1. Ch.13. Our Environment 2. Map Types of Forests Neighbouring Countries. Test 6- 1. Ch.16. Natural Resources 2. Ch.17Agriculture in India</p>
<p align="center">COMPUTER</p>	<p>1st Term–Ch.1. Evolution of Computer (Unit Test - I) Ch.2. Computer Software Ch.3. Word Processor Practical – Chapter based</p> <p>2nd Term – Ch.4. More On Word Processor (Unit Test - II) Ch.5. Presentation Software Ch.7. Internet Services Practical – Chapter Based</p>
<p align="center">GENERAL KNOWLEDGE</p>	<p>1st Term – 1.Commissioned Ranks Pg.5 2.Look at My India Pg.6-7 3. The Heart of India Pg.10-11 4. Monuments and Buildings Pg.22 5.Green Crusaders Pg.28 6. The Marine Creatures Pg.29. 7.Plants that Heal Pg.31. 8.Identify the Animals Pg.32-33 9. Yoga for Kids Pg.44</p> <p>2nd Term – 1. From the Classics Pg.46-47 2.“Body” Idioms Pg.48 3.Indian Writers Pg.49 4.Greatest Sportspersons Pg.54-55 5.Astronomical Observatories in India Pg.58 6. Animals in Space Pg.59 7. Different Sciences Pg.62 8. Quiz-2 Pg.67 9.World Records Pg.70-71</p>
<p align="center">MORAL SCIENCE</p>	<p>1st Term – 1. Ch.2. Respect yourself 2. Ch.3. Self Confidence 3. Ch.4. Books are our best friends 4. Ch.7. Never take Hasty Decisions 5. Ch.9. Courtesy and Respect School Song</p> <p>2nd Term – 1. Ch.10. Power of Speech 2. Ch.11. Selfless Service 3. Ch.12. Compassion 4. Ch.14. Great People, Great traits 5. Ch.16. Keep Environment green Pledge</p>
<p align="center">ART</p>	<p>1st Term – Book Pages: 1,4,10,11,20 Copy Pages: 3,11,20 Craft Pages: 27,31 2nd Term – Book Pages: 5,17,18,37 Copy Pages: 17,25,38 Craft Pages: 29,32</p>

<p>HINDI LANG</p>	<p>1st Term– All the Chapters of Test 1,2,3 1. पाठ-3 भाब्द और वाक्य 2. पाठ-4 संज्ञा 3. पाठ-5 लिंग 4. पाठ-6 वचन 5. पाठ-11 भाब्द भंडार 6. पाठ-12 विराम चिह्न 7. पाठ-13 मुहावरे एवं लोकोक्तियाँ 8. पाठ-14 पत्र लेखन 9. पाठ-16 निबंध अपठित गद्यांश</p> <p>2ndTerm – All the Chapters of Test 4,5,6 1.पाठ-5 लिंग 2. पाठ-6 वचन 3. पाठ-8 सर्वनाम 4. पाठ-9 विशेषण 5. पाठ-10 क्रिया और काल 6. पाठ-11 भाब्द भंडार 7. पाठ-12 विराम चिह्न 8. पाठ-13 मुहावरे एवं लोकोक्तियाँ 9. पाठ-14 पत्र-लेखन 10. पाठ-16 निबंध अपठित गद्यांश</p>
<p>HINDI LIT.</p>	<p>1st Term– All the Chapters of Test 1,2,3 1.पाठ-1 आया बसंत (कविता) 2. पाठ-2 पंचाताप के आंसू 3. पाठ-4 छोटे मुँह बड़ी बात 4. पाठ-5 तेनालीरामन की बुद्धिमत्ता 5. पाठ-6 उठो लाल अब आंखे खोलो (कविता) 6. पाठ-8 गुलीवर की यात्रा</p> <p>2ndTerm – All the Chapters of Test 4,5,6 1.पाठ-10 ओणम 2. पाठ-11 ठुकरा दो या प्यार करो (कविता) 3. पाठ-14 पसीने की कमाई 4. पाठ-15 सबसे बड़ा धनवान 5. पाठ-17 लेखक की पत्नी 6. पाठ-19 बढे चलो, बढे चलो (कविता)</p>



IPM INTERNATIONAL SCHOOL & COLLEGE
Class – 6 Syllabus Year 2019 – 2020

ENGLISH LANGUAGE	<p>FIRST TERM: 1. The Sentence 2. Nouns 3. Pronouns 4. Articles 5. Subject and Predicate 6. Verbs 7. Adjectives 8. The Simple Tense 9. The Continuous Tense 10. The Perfect Tense 11. Idioms Pg 132-133 (1 to 26) 12. Essay 13. Letter 14. Comprehension 15. Notice / Email writing</p> <p>SECOND TERM: 1. Adverbs 2. Prepositions 3. Conjunctions 4. Subject-Verb agreement 5. Active and Passive Voice 6. Proverbs Pg. 145-146 (15 to 29) 7. Essay 8. Letter 9. Comprehension 10. Notice / Email writing</p> <p>Chapters to be included from the first term: 1. Articles 2. The Simple Tense 3. The Continuous Tense 4. The Perfect Tense</p>
ENGLISH LITERATURE	<p>FIRST TERM</p> <p>Test 1 – 1. The Poison Tree (Poem) Ch.1 2. The Happy Prince Ch.6</p> <p>Test 2 – 1. The Open Window Ch.8 2. Today I wrote this Poem (Poem) Ch.7</p> <p>Test 3 – 1. Travel (Poem) Ch.4 2. A gift for Christmas Ch.11</p> <p>SUPPLEMENTARY READER – The Adventures of Huckleberry Finn Ch.1 to 10</p> <p>SECOND TERM</p> <p>Test 4 – 1. In the Bazaars of Hyderabad (Poem) Ch.10 2. Mowgli – The wolf child Ch.12</p> <p>Test 5 – 1. Daffodils (Poem) Ch.13 2. The Big Friendly Giant Ch.14</p> <p>Test 6 – 1. Where the mind is without Fear (Poem) Ch.16 2. The Diamond Necklace Ch.15</p> <p>SUPPLEMENTARY READER – The Adventures of Huckleberry Finn Ch.11 to 20</p>
MATHS	<p>FIRST TERM: All the Chapters of test 1, 2, 3 and 4, Ch.21</p> <p>Test 1 – Ch.1 Number System Ch.2 Operation on whole number Ch.3 Integer</p> <p>Test 2 – Ch.4 Fractions Ch.5 Decimal Fractions Ch.12 Fundamental Concept of Algebra</p> <p>Test 3 – Ch.14 Fundamental geometrical concepts Ch.15 Angles Ch.17 Quadrilaterals</p> <p>Test 4 – Ch.18 Circle Ch.19 Polygons Ch.22 Geometrical Constructions</p> <p>SECOND TERM: All the Chapters of test 5, 6, 7 and 8, Ch.22</p> <p>Test 5 – Ch.8 Ratio and Proportion Ch.10 Percentage Ch.13 Simple equations</p> <p>Test 6 – Ch.26 Mean and Median Ch.9 Unitary Method Ch.6 Playing with numbers</p> <p>Test 7 – Ch.7 Sets Ch.11 Speed, time and distance Ch.23 Perimeter & Area of plane figure</p> <p>Test 8 – Ch.16 Triangles Ch.24 Data handling Ch.25 Graphical Representation of Data</p>
PHYSICS	<p>FIRST TERM: All the Chapters of test 1, 2 and 3 to be included in first term.</p> <p>Test 1 – Ch.2 Physical Quantities and Measurement</p> <p>Test 2 – Ch.3 Force</p> <p>Test 3 – Ch.5 Light</p> <p>SECOND TERM: All the Chapters of test 4, 5 and Ch.3 of 1st Term to be included in the second term.</p> <p>Test 4 – Ch.4 Energy</p> <p>Test 5 – Ch.6 Magnetism</p>
CHEMISTRY	<p>FIRST TERM: All the Chapters of test 1, 2 and 3 to be included in the first term.</p> <p>Test 1 – Introduction to Chemistry</p> <p>Test 2 – Elements and Compounds</p> <p>Test 3 – Mixture</p> <p>SECOND TERM: All the Chapters of test 4, 5 and 6 to be included in the second term.</p> <p>Test 4 – Matter</p> <p>Test 5 – Water</p> <p>Test 6 – Air and Atmosphere</p>
BIOLOGY	<p>FIRST TERM</p> <p>NOTE: All the Chapters of Test 1, 2 and 3 to be included in the First Term Exam.</p> <p>Test 1 – Life on Earth</p> <p>Test 2 – Ch.3 The Cell</p> <p>Test 3 – Ch.2 The Flower Ch.5 Human Respiratory System</p> <p>SECOND TERM</p> <p>NOTE: All the Chapters of Test 4, 5 and 6 to be included in the Second Term Exam.</p> <p>Test 4 – Ch.4 Human Digestive System</p> <p>Test 5 – Ch.7 Health and Hygiene</p> <p>Test 6 – Ch.8 Adaptation</p>
HINDI LITERATURE	<p>FIRST TERM: Test 1, 2, 3 क सभी पाठ आएं।</p> <p>Test 1 – धर्म बुद्धि और पाप बुद्धि, गिल्लू</p> <p>Test 2 – जिंदगी कैसे चलेगी, न्यायमंत्री</p> <p>Test 3 – गिरिराज, अस्थिदान</p> <p>SECOND TERM: Test 4, 5, 6 के सभी पाठ आएं।</p> <p>Test 4 – रहीम के दोहे, अनोखा न्याय</p> <p>Test 5 – कोयल, सच्चातीर्थ यात्री</p> <p>Test 6 – शिक्षापात्र, धाय माँ पन्ना का त्याग</p>
HINDI LANGUAGE	<p>FIRST TERM: भाब्द और पद, संज्ञा, लिंग, वचन विभाषण, क्रिया और काल, भाब्द विवक (पर्यायवाची, विलोम, वाक्यांशों के लिए एक भाब्द)</p> <p style="text-align: center;">मुहावरे और लोकोक्तियाँ, अपठित गद्यांश, पत्र, निबंध</p> <p>SECOND TERM: उपसर्ग, प्रत्यय, विराम-चिह्न, भाब्द विवक, (पर्यायवाची, विलोम, अनेकार्थी भाब्द) मुहावरे और लोकोक्तियाँ,</p> <p style="text-align: center;">अपठित गद्यांश, पत्र, निबंध</p>
SANSKRIT	<p>FIRST TERM: लिंग, चतुरः काकः, संस्कृत में संख्या भाब्द (1 to 15) संधि-विच्छेद, संस्कृत में पक्षियों के नाम। भारीर के अंगों के नाम संस्कृत में।</p>

	<p>SECOND TERM: अकारान्त पुल्लिंग भाब्दः, विद्यालयः, संस्कृत में फलों के नाम, संस्कृत में संख्या भाब्द (1 to 20), संधि विच्छेद। संस्कृत में पशुओं के नाम।</p> <p>विशेष: फर्स्ट टर्म में 3 टेस्ट होंगे। सेकेंड टर्म में 3 टेस्ट होंगे।</p>
HISTORY & CIVICS	<p>FIRST TERM: All Chapters of Test 1, 2 and 3 to be included. Test 1 – HIST. : Ch.1 History – An Introduction Test 2 – HIST. : Ch.4 The River Valley Civilisations: Indus Valley Civilisation. HIST. : Ch.6 The Vedic Civilisation Test 3 – CIVICS: Ch.1 Rural Local Self Government SECOND TERM: All Chapters of Test 4, 5 and 6 and Civics Ch.1 Rural Local Self Government of 1st Term to be included. Test 4 – HIST. : Ch.7 Mahavira And Buddha-Great Preachers Test 5 – CIVICS : Ch.2 Urban Local Self-Government HIST. : Ch.9 The Mauryan Empire Test 6 – HIST. : Ch.10 The Golden Age: Gupta Empire</p>
GEOGRAPHY	<p>FIRST TERM: All the chapters of Test 1, 2 and 3 are included. Test 1 – 1. Landforms Test 2 – 1.Map Reading 2. Agriculture. Test 3 – 1.North America 2. North America Map Work. SECOND TERM: All the chapters of Test 4, 5 and 6 are included. Test 4 – 1. Diagrammatic Representation 2. Water Bodies Test 5 – 1.Minerals Test 6 – 1.South America 2. Map Work of South America.</p>
COMPUTER	<p>FIRST TERM: TEST 1 – Ch.1 Types of Computer Ch.2 Computer Languages Ch.3 File Management – Organisation of Data Ch.4 Creating Tables in Ms-Word Ch.5 Modifying a Table Ch.7 Viewing and Organizing Slides Practical – Chapter based FINAL TERM: TEST 2 – Ch.8 Animating Presentation Ch.10 Introduction to HTML Ch.12 Internet Ch.13 Email and Other Internet Services Ch.14 Google Drive Ch.15 E-Commerce, Blogging and Podcasting, Practical – Chapter based</p>
MORAL SCIENCE	<p>FIRST TERM: Ch.2 Trust in God Ch.3 Courage Ch.4 The Right Attitude Ch.5 Leadership Ch.7 Ambition Ch.8 Family Bonding Ch.9 Self – Awareness SECOND TERM: Ch.10 Humility Ch.11 Responsibility Ch.12 Kindness Ch.13 Self – Control Ch.14 Appreciation Ch.15 Patriotism Ch.16 Perseverance</p>
GENERAL KNOWLEDGE	<p>FIRST TERM: Ch.3 Mineral – Rich States Ch.6 Presidents of India Ch.27 Quiz 1 Ch.36 FIFA 2018 Ch.41 Satellite Launch Sites in India Ch.42 IT Quiz Ch.45 Famous Indians in Science Ch.51 World Records SECOND TERM: Ch.4 Indian Heritage Ch.7 Prime Ministers of India Ch.8 Indian Nobel Prize Winners Ch.11 Festivals of the World Ch.20 Wildlife of India Ch.33 From the world of Hindi writing Ch.38 Indian Musicians and Instruments Ch.49 Quiz 2</p>
ART & CRAFT	<p>FIRST TERM: Pg-2 Butterfly, Pg-4 Still Life, Pg-5 Hands, Pg-8 Dog, Pg-10 Cheetah, Pg-19 Rose, Pg-21 Landscape, Pg-25 Bulbul, Pg-29 Still Life, Pg-31 Landscape. I & II Craft – Topics will be given in class NOTE- Last date for the submission of craft work will be 20th July, failing which students will be given zero. SECOND TERM: Pg-9 Crane, Pg-11 Octopus, Pg-32 Lotus, Pg-34 Mango, Pg-35 Leaves, Pg-38 Cartoons, Pg-40 Cap & Pencil, Pg-45 Free-hand Design, Pg-49 Landscape, Pg-53 Girl & Boy I & II Craft – Craft topics will be given in class NOTE- Last date for the submission of 2nd term crafts will be 25th November, 2019, failing which students will be given zero.</p>



IPEM INTERNATIONAL SCHOOL & COLLEGE

CLASS -7

Syllabus for the Year 2019 - 2020

ENGLISH LANGUAGE	<p>1st Term- 1. The Sentence- Kinds of Sentences 2. Subject and Predicate 3. Nouns- Kinds of Nouns 4. Articles 5. Pronouns- Kinds of Pronouns 6. Adjectives- Kinds of Adjectives 7. Comparison of Adjectives 8. Tenses- Present, Past and Future 9. Active and Passive Voice 10. Subject- Verb Agreement 11. Homophones and Homonyms- Page No-147 12. Essay 13. Letter 14. Comprehension Passage 15. Notice 16. E-mail.</p> <p>2nd Term- 1. Adverbs- Kinds of Adverbs 2. Conjunctions 3. Similes- Page No.-151 4. Prepositions 5. Direct and Indirect Speech 6. Transformation of sentences 7. Essay 8. Letter 9. Comprehension Passage 10. Notice 11. E-mail.</p> <p>NOTE: Chapters to be included from 1st Term. 1. Active and Passive Voice 2. Subject-Verb Agreement</p>
ENGLISH Literature	<p>1st Term:- All the chapters of Test 1, 2 and 3 Test 1 - 1. Casabianca (Poem) – Ch.1 2. The false gems – Ch.5 Test 2 - 1. The things that haven't been done before (Poem) – Ch-4 2. All summer in a day- Ch.6 Test 3 - 1. The road not taken (Poem) – Ch.7 2. A day's wait - Ch.8 Supplementary Reader- The Hound of Baskervilles- Ch. 1 to 8</p> <p>2nd Term:- All the chapters of Test 1, 2 and 3 Test 1 - 1. All the World's a stage (Poem)- Ch.10 2. The last leaf – Ch.14 Test 2 - 1. Hints on Pronunciation for Foreigners (Poem) – Ch.13 2. The mystery of the Perfect Maid – Ch.15 Test 3 - 1. A letter to a teacher (Poem) – Ch.16 2. The three questions – Ch.17 Supplementary Reader – The Hound of Baskervilles Ch. 9 to 16</p>
MATHS	<p>1st Term – All the chapters of Test 1, Test 2, Test 3, Test 4 and Ch – 16, 19, 25. 1st Test - Ch.2- Rational nos. Ch.3 - Fractions Ch.5 - Exponents Ch.1 - Integer 2nd Test - Ch.6 - Sets Ch.8 – Unitary Method Ch.9- Percentage 3rd Test - Ch.22 - Construction Ch.13 – Algebraic Expression Ch.14 – Linear Equations 4th Test- Ch.17- Lines & Angles Ch.18- Properties of Triangles Ch.21- Congruence Ch.24- Data handling. 2nd Term- All the chapters of Test 5, Test 6 & Test 7. And Ch.20. Ch 24, 14, 18, 17, 13, 6, 22, 21 and 5 to be included from 1st Term. 5th Test- Ch.4- Decimals, Ch.7 - Ratio & proportion. 6th Test- Ch.11- Simple Interest Ch.12- Speed, Distance & Time Ch.15- Inequalities 7th Test- Ch.10- Profit & Loss Ch.23- Mensuration</p>
GENERAL KNOWLEDGE	<p>1st Term – Ch.2- Young Entrepreneurs of India, Ch.8- well- Known Structures, Ch.12- Father of-----, Ch.20- Amazing World of Birds, Ch.25- Quiz 1, Ch.33- World's Famous Sports persons, Ch.34- Indian Sports, Ch.41- Know Your Planets. 2nd Term – Ch.3- Great Founders, Ch.21- From Antarctica, Ch.22- Medicinal Leaves, Ch.31- Famous Autobiographies, Ch.36- World's Impressive Stadiums, Ch 38- Different Games, Ch.42- IT Sector, Ch.45- Quiz 2.</p>
MORAL SCIENCE	<p>1st Term- Ch.2- Never Lose Faith in God, Ch.4- Self Worth, Ch.5- Self Control, Ch.6- Good Habits, Ch.7- Self Reliance, Ch.8- Respect Your Elders, Ch.17- Perseverance. 2nd Term- Ch.9- Educate Yourself, Ch.10- Disarm Hatred with Love, Ch.11- Never be Dishonest, Ch.12- Service to Others, Ch.14- Courage, Ch.16- Where there is a will there is a way.</p>
ART & CRAFT	<p>1st Term- Pg.1- Parrot, Pg.3- Utensils, Pg.5- Jungle, Pg.11- Leaves, Pg.12- Birds, Pg.13- Village Scene, Pg.17- Peacock, Pg.19- Flower, Pg.21- Fruit Basket, Pg.24- Still Life. I & II CRAFT:- Topics will be given in class. Note:- Last date for the submission of craft work will be 20th July, failing which students will be given zero. 2nd Term- Pg.7- Leaves, Pg.29- Landscape, Pg.36- Landscape, Pg.39- Fish, Pg.40- Vegetables, Pg.45- Landscape, Pg.50- Facial Expressions, Pg.43- Portraits, Pg.6- Insects, Pg.51- Facial Expressions. I & II CRAFT:- Craft topics will be given in class. NOTE:- Last date for the submission of 2nd Term Craft will be 25th November 2019, failing which students will be given zero.</p>
HINDI LANG	<p>1st Term- भाब्द विचार, संज्ञा, वचन, कारक, अपठित गद्यांश, विशेषण, क्रिया और काल, भाब्द विवेक (पर्यायवाची, विलोम, एक भाब्द) मुहावरें और लोकोक्तियाँ, निबंध, पत्र 2nd Term- भाब्द विवेक (पर्यायवाची, विलोम, एक भाब्द, अनेकार्थी) उच्चारण और वर्तनी (‘‘गुद्घ-अ’’गुद्घ) विराम चिह्न, भाब्द रचना, मुहावरे और लोकोक्तियाँ, अपठित गद्यांश, पत्र, निबंध।</p>
HINDI LIT.	<p>1st Term- Test 1,2,3 के सभी पाठ आएंगे। Test 1- भाग्य की दस्तक, अर्जुन की एकाग्रता Test 2- बसंती हवा, मिठाई वाला Test 3- दोहा दंशक, ममता 2nd Term- Test 4,5,6 के सभी पाठ आएंगे। Test 4- चमत्कार, कर्तव्य की प्रेरणा Test 5- अंगोक का भास्त्र त्याग, दुःख का अधिकार Test 6- सुमन एक उपवन के, नमक का दरोगा</p>
SANSKRIT	<p>1st Term- अनुासनस्य महत्त्वम्, मूर्खमित्र, संस्कृत में फलों एवं पशुओं के नाम, संस्कृत में संख्या भाब्द (11 to 25), संधि- विच्छेद। 2nd Term- होलिकोत्सव, बुद्धिर्यस्य बलं तस्य, संस्कृत में संबधिया एवं रंगों के नाम, संस्कृत में संख्या भाब्द (11 to 30) संधि विच्छेद। विशेषः फर्स्ट टर्म में 3 टेस्ट होंगें।</p>

सेकेंड टर्म में 3 टेस्ट होंगे।

	<p>सेकेंड टर्म में 3 टेस्ट होंगे।</p>
<p>Physics</p>	<p>1st Term- All the chapters of Test1, Test2, & Test3. Test 1- Ch.1 Measurement. Test 2- Ch.2- Motion Ch.4- Light Energy Test 3- Ch-5 Heat Energy 2nd Term - All the chapters of Test4, Test5 & Test6 and Ch.2, Ch.4, Ch.5 from 1st Term. Test 4- Ch.6- Sound Test 5- Ch.7- Electricity & Magnetism Test 6- Ch.3- Energy.</p>
<p>Chemistry</p>	<p>1stTerm – All the chapters of Test1, 2 & 3. Test 1- Ch.1- Matter Ch.2- Physical and Chemical Changes Test 2- Ch.3- Element, Compound and Mixture Test 3- Ch.4- Atomic Structure 2ndTerm – All the chapters of Test4, Test5 & Test6. Test 4- Ch.5- Language of Chemistry Test 5- Ch.6- Metals and Non-metals. Test 6- Ch.7- Air and Atmosphere. NOTE:- Entire syllabus will be included in Finals Exam.</p>
<p>Biology</p>	<p>1st Term- All the chapters of Test 1,2,3 to be included in 1st Term Exam. Test 1- Ch-1 Tissue. Test 2- Ch-2 Kingdom Classification Ch-3 Kingdom Animalia Test 3- Ch-4 Photosynthesis Ch-5 Respiration 2nd Term – All the chapters of Tests 4,5,6 and chapter- Tissue & Kingdom Classification of First Term to be included in Final Exam. Test 4- Ch-6 Excretory System Test 5- Ch-7 Nervous System Test 6- Ch-8 Allergy</p>
<p>History Civics</p>	<p>1st Term- All the chapters of test 1,2 and 3. Test 1-Hist: Ch- The Turkish Invaders, Civics: Ch-1 The Constitution of India. Test 2- Hist: Ch-The Delhi Sultanate Test 3- Hist: Ch- The Vijayanagara and Bahamani Kingdoms., 2nd Term- All the chapters of test 4,5 and 6. Test 4- Hist: Ch- Foundation of Mughal Empire, Civics: Ch-2 Directive Principles of State Policy. Test 5- Hist: Ch-Akbar The Great Test 6- Hist: Ch- Jahangir, Shah Jahan and Aurangzeb, Ch- Religious Reform Movement. Note:- Civics: Ch-1 The Constitution of India will be included in the Final Exams.</p>
<p>Geography</p>	<p>1st Term- All the chapters of Test 1, 2 & 3 are included. Test 1- 1. Industries Test 2- 1. Representation of Geographical features, 2. Atmosphere Test 3- 1. Europe- Location, Political Division and Physical features, 2. Map Work – Europe. 2nd Term- All the chapters of Test 4, 5 & 6 are included. Test 4- 1. Weather and climate, 2. Energy and power Resources. Test 5- 1. Weathering and Soil Formation Test 6- 1. Africa- Location, Political Division & Physical Features, 2. Map Work- Europe.</p>
<p>Computer</p>	<p>Unit Test -1- Ch-1 External Hardware Devices, Ch-2 Internal Hardware Devices 1st Term- Ch.1- External Hardware Devices, Ch.2- Internal Hardware Devices Ch.4- Computer Viruses and their Effects, Ch.5- Computer Crime, Ethics and Security Ch.6- Introduction to Ms- Excel, Ch.7- Editing a Worksheet (Practical Based Chapter) Unit Test-2- Ch.8- Introduction to Ms- Access, Ch.9- Tables in Access 2nd Term- Ch.8- Introduction to Ms- Access, Ch.9- Tables in Access, Ch.10- Working with Queries, Forms and Reports, Ch.11- More on HTML, Ch.12- Tables in HTML (Practical Based Chapter).</p>



IPEM INTERNATIONAL SCHOOL & COLLEGE

CLASS - 8

Syllabus for the Year 2019 - 2020

ENGLISH LANGUAGE	<p>1st Term- 1. Subject And Predicate 2. Pronouns 3. Phrasal Verbs 4. Active and Passive Voice 5. Non-Finite Verbs 6. Adjectives 7. Adverbs 8. Essay 9. Letter 10. Comprehension 11. Notice 12. Email Writing.</p> <p>2nd Term- 1. Conjunction 2. Preposition 3. Articles 4. Subject-Verb Agreement 5. Tenses 6. Direct and Indirect Speech 7. Transformation of Sentences 8. Essay 9. Letter Writing 10. Notice 11. E-Mail Writing 12. Comprehension.</p> <p>NOTE: Chapters of the First Term to be included in the Final Examination.</p> <p>1. Phrasal Verbs 2. Active & Passive Voice</p>
ENGLISH Literature	<p>1st Term (Unit Test -1)</p> <p>Test 1 - 1. The Brook 2. Scout Saves The Day</p> <p>Test 2 - 1. Mending Wall 2. The Pearl</p> <p>Test 3 - 1. Friends and Flatterers 2. London to Dover</p> <p>Supplementary Reader- A Tale of Two Cities (Ch- 1-7)</p> <p>2nd Term (Unit Test -2)</p> <p>Test 1 - 1. When I'm An Old Lady 2. The Boy in Striped Pyjamas</p> <p>Test 2 - 1. If 2. Sherlock Holmes and the Adventures of the Speckled Band</p> <p>Test 3 - 1. The Slave's Dream 2. The Ultimate Sacrifice</p> <p>Supplementary Reader – A Tale of Two Cities (Ch- 8 -14)</p>
MATHS	<p>1st Term – All the chapters of Test 1, Test 2, Test 3, Test 4 and Ch – 27, 18, 25.</p> <p>1st Test - Ch.2- Exponents, Ch.6 - Percentage, Ch.9 – Ratio & Proportion, Ch.1 – Rational Numbers.</p> <p>2nd Test - Ch.5 - Sets, Ch.10 - Direct & Inverse Variation, Ch.7- Profit & Loss.</p> <p>3rd Test - Ch.8 - Compound Interest, Ch.12 - Fundamental Concepts, Ch.19 – Geometrical Constructions, Ch.22 – Graph.</p> <p>4th Test- Ch.13- Algebraic Identities, Ch.17- Quadrilaterals, Ch.15- Linear Equations, Ch.23- Perimeter & Area.</p> <p>2nd Term- All the chapters of Test 5, Test 6 & Test 7. Ch.8, 13, 17, 15, 19, 22, 2,9,5 from 1st Term.</p> <p>5th Test- Ch.3- Square, Square roots, Cube, Cube roots.</p> <p>Ch.4- Playing with numbers, Ch.14- Factorisation.</p> <p>6th Test- Ch.16- Linear Inequations, Ch.20- Symmetry, Ch.24- Volume & Surface Area.</p> <p>7th Test- Ch.26- Graphical representation, Ch.11- Time & Work, Ch.21- Circles.</p>
GENERAL KNOWLEDGE	<p>1st Term – 1. Lands of Ganga and Yamuna, 2. Indian Museums, 3. Influential World leaders, 4. The lost cities of the world, 5. World's worst tragedies, 6. Flowering plants, 7. When plants turn deadly, 8. Hunters in the sky, 9. Indian Mammals, 10. Unique literary forms, 11. English novels written by Indians, 12. Great speeches, 13. Stop, check and go 1, 14. Quiz 1 and 2.</p> <p>2nd Term – 1. Sports Stadia, 2. Pioneer Scientists of India, 3. Technology that transformed society, 4. Ancient Indian Medicine and Surgery, 5. Social + Media= Soda and Surgery, 6. Amazing facts, 7. Current events 2018- National, International, Sports, 8. The Nobel prizes in 2018, 9. New government programs and policies, 10. Financial literacy, 11. Stop, Check and go 2, 12. Quiz 3.</p>
MORAL SCIENCE	<p>1st Term- 1. Devotion, 2. Religious Tolerance, 3. Never give up, 4. Honesty, 5. Our weakness can be our strength, 6. Laughter is the best medicine, 7. Try till you succeed.</p> <p>2nd Term- 1. Forgiveness, 2. Peace of mind, 3. Never be greedy, 4. Empathy, 5. Truthfulness, 6. Love all, Equally, 7. Awareness</p>
ART & CRAFT	<p>1st Term- Pg.1- Eyes, Pg.7- Moonlight Landscape, Pg.9- Landscape, Pg.11- Shoes, Pg.23- Horse, Pg.29- Portrait, Pg.35- Facial Expression, Pg.31- Country side, Pg.49- Monument, Pg.13- Scenery.</p> <p>I & II CRAFT- Craft topics will be given in class.</p> <p>Note:- Last date for the submission of craft work will be 20th July, failing which students will be given zero.</p> <p>2nd Term- Pg.17- Landscape, Pg.22- Horse, Pg.26- Cheetah, Pg.39- Portrait, Pg.41- Landscape, Pg.42- Cartoons, Pg.43- Cartoons, Pg.45- Madhubari Painting, Pg.47- Landscape, Pg.53- Landscape.</p> <p>I & II CRAFT- Craft topics will be given in class.</p> <p>Note:- Last date for the submission of 2nd Term crafts will be 25th November 2019, failing which students will be given zero.</p>
HINDI LANG	<p>1st Term- भाब्द –सृजन (उपसर्ग प्रत्यय), संज्ञा, वि०शण, क्रिया और काल, वाक्य, भाब्द परिवार, (पर्यायवाची, विलोम, एक भाब्द) मुहावरे और लोकोक्तियाँ, अपठित गद्यांश, पत्र निबंध।</p> <p>2nd Term- वि०शण, क्रिया और काल, वाक्य, भाब्द परिवार (विलोम, पर्यायवाची, एक भाब्द, भिन्नार्थक), मुहावरे और लोकोक्तियाँ, अपठित गद्यांश, पत्र निबंध।</p>
HINDI LIT.	<p>1st Term- Test 1,2,3 के सभी पाठ आएंगे।</p> <p>Test 1- स्वदे० प्रेम, वीर शिवाजी</p> <p>Test 2- मुरझाया फूल, बूढ़ी काकी</p> <p>Test 3- क्या निराश हुआ जाए, साइकिल की सवारी</p> <p>2nd Term- Test 4,5,6 के सभी पाठ आएंगे।</p> <p>Test 4- जामुन का पेड़, कबीर के दोहे</p> <p>Test 5- वारिस, भेड़ और भेड़िए</p> <p>Test 6- विजय पर्व, धरती का आँगन इठलाता</p>
SANSKRIT	<p>1st Term- आजाद: चन्द्र खर, भलोका, संस्कृत में संख्या भाब्द (21 से 40) कृ धतु का लट लकार में रूप, संधि विच्छेद, संस्कृत में संबंधियों के नाम।</p> <p>2nd Term- संधे भाक्ति युगे-युगे, अस्माकं दे०: संस्कृत में अनाजो के नाम, संस्कृत में संख्या भाब्द (21 से 50), हस् धातु का लट लकार में रूप, संधि विच्छेद। पक्षियों के संस्कृत में नाम।</p>

	विभाषा: फर्स्ट टर्म में 3 टेस्ट होंगे। सेकेंड टर्म में 3 टेस्ट होंगे।
Physics	<p>1st Term- All the chapters of Test1, Test2, & Test3. Test 1- Ch.5 Light Energy. Test 2- Ch.2- Physical Quantities & Measurement. Ch.4- Energy. Test 3- Ch-1 Matter, Ch-7 Sound. 2nd Term – All the chapters of Test4, Test5 & Test6. Test 4- Ch.3- Force & Pressure Test 5- Ch.6- Heat Transfer Test 6- Ch.8- Electricity NOTE:- Entire syllabus to be included in Final Exam.</p>
Chemistry	<p>1stTerm – All the chapters of Test1, 2 & 3. Test 1- Ch.1- Matter, Ch.2- Physical and Chemical Changes. Test 2- Ch.3- Element, Compound and Mixture, Ch.8- Water Test 3- Ch.4- Atomic Structure. 2ndTerm – All the chapters of Test4, Test5 & Test6. Test 4- Ch.5- Language of Chemistry, Ch.6- Chemical Reactions. Test 5- Ch.7- Hydrogen. Test 6- Ch.9- Carbon and its Compound.. NOTE:- Entire syllabus to be included in Final Exam.</p>
Biology	<p>1st Term- All the chapters of Test 1,2,3 to be included in 1st term Exam. Test 1- Ch-1 Transport of Food and Minerals in Plants. Test 2- Ch-2 Reproduction in plants, Ch-4 Ecosystem. Test 3- Ch-5 Endocrine System, Ch-7 Nervous System. 2nd Term – The entire syllabus to be included in Final Exam. Test 4- Ch-6 Circulatory System Test 5- Ch-8 Health and Hygiene. Test 6- Ch-9 Food Production</p>
History Civics	<p>1st Term- All the chapters of Test 1 & 2 & 3 Test 1-Hist: Ch-1 A Period of Transition, Civics: Ch-1 The Union Legislature. Test 2- Hist: Ch-4 India in the 18th Century, Hist: Ch-5 Trader to Rulers. Test 3- Hist: Ch-6 Impact of British Rule on India, Civics: Ch-2 The Union Legislature. 2nd Term- All the chapters of Test 4 & 5 & 6 and Civics Ch-1 The Union Legislature, Ch-2 The Union Executive. Test 4- Hist: Ch-7 The Great Uprising of 1857, Civics: Ch-3 The Judiciary Test 5- Hist: Ch-8 Reform Movements, Ch-9 Struggle for Freedom I Test 6- Hist: Ch-10 Struggle for Freedom II, Civics: Ch-4 The United Nations Civics Ch-1 The Union Legislature & Ch-2 The Union Executive.</p>
Geography	<p>1st Term- All the chapters of Test 1, 2 & 3 are included. Test 1- 1. Population Dynamics, 2. Representation of Geographical Features. Test 2- 3. Migration, 4. Asia- Location and Physical Features. Test 3- 5. Asia- Climate and Natural Vegetation, 6. Map Work – Asia. 2nd Term- All the chapters of Test 4, 5 & 6 are included. Test 4- 1. Natural and Man Made Disaster, 2. Urbanisation. Test 5- 3. India – Geographical Features, 4. India – Human Resources. Test 6- 5. India- Climate & Flora and Fauna, 6. Map Work- India.</p>
Computers	Given in Class



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class –9 Syllabus for the Year 2019 – 2020

PHYSICS	<p>1st Term : All the chapters of Test 1, Test 2 and Test 3 Test 1:- Chap. 1. Measurement and Experimentation, Chap. 2. Motion in One Dimension Test 2:- Chap. 3. Laws of Motion, Chap. 4. Pressure in Fluids & Atmospheric Pressure Test 3:- Chap. 5. Upthrust in Fluids, Archimedes’s Principle, Chap. 6. Heat & Energy</p>
	<p>2nd Term : All the chapters of Test 4, Test 5 and Test 6 Test 4:- Chap. 7. Reflection of Light Test 5:- Chap. 8. Propagation of Sound Waves Test 6:- Chap. 9. Current Electricity, Chap. 10. Magnetism **Entire syllabus to be included in the Final Examination. Practical to be done throughout the year.</p>
CHEMISTRY	<p>1st Term : All the chapters of Test 1, Test 2 and Test 3 Test 1:- Chap. 1. Language of Chemistry, Chap. 2. Chemical Changes and Reactions Test 2:- Chap. 3. Water Test 3:- Chap. 4. Atomic Structure and Chemical Bonding</p>
	<p>2nd Term : All the chapters of Test 4, Test 5 and Test 6 Test 4:- Chap. 5. The Periodic Table Test 5:- Chap. 6. The study of first element-Hydrogen, Chap. 7. Study of Gas laws Test 6:- Chap. 8. Atmospheric Pollution, Chap. 9. Practical Work **Entire syllabus to be included in the Final Examination, Practical to be done throughout the year.</p>
BIOLOGY	<p>1st Term : Chap. 9. Economic Importance of Bacteria and Fungi, Chap. 11. Digestive System and all the chapters of Test 1, Test 2 and Test 3 Test 1:- Chap. 1. Introduction Biology, Chap. 2. Cell – The Unit of life, Chap. 3. Tissues – Plant and Animal Tissues Test 2:- Chap. 4. Flower, Chap. 5. Pollination and Fertilization, Chap. 6. Seeds – Structure and Germination Test 3:- Chap. 7. Respiration in Plants, Chap. 8. Five Kingdom Classification, Chap. 10. Nutrition</p>
	<p>2nd Term : Entire syllabus included i.e. Chap. 1 to Chap 19 Test 4:- Chap. 12. Skeleton – Movement and Locomotion, Chap. 13. Skin Test 5:- Chap. 14. The Respiratory System, Chap. 15. Hygiene Test 6:- Chap. 16. Diseases, Chap. 17. Aids of Health</p>
EVA	<p>1st Term : All the chapters of Test 1, Test 2 and Test 3 Test 1:- Chap. 1. Introduction – Our Environment, Chap. 2. Our Environmental Problems Test 2:- Chap. 3. Resource Depletion, Chap. 4. Waste Generation Test 3:- Chap. 5. Basic Ecology, Chap. 8. Conservation of Ecosystem</p>
	<p>2nd Term : Entire syllabus included Test 4:- Chap. 6. Types of Ecosystem, Chap. 9. Dynamics of development Test 5:- Chap. 7. Ecological Niche and Succession Test 6:- Chap. 10. Agriculture and Food Crisis</p>
GEOGRAPHY	<p>1st Term : All the chapters of Test 1, 2 & 3 and the following chapters :- 1. Natural Resources of India – Soil, Water and Natural Vegetation, 2. Transport Test 1:- 1. Latitudes and Longitudes, 2. Landforms Test 2:- 1. Rocks and Rocks cycle, 2. Rotation and Revolution Test 3:- 1. Volcanoes, 2. Earthquakes, 3. Map Work : World – Oceans, Seas and Gulf, Straits and Plateaus</p>
	<p>2nd Term : All the chapters of Test 4 to 6 and the entire 1st Term Syllabus. Test 4:- 1. Tides, Ocean Currents, 2. Composition and structure of the Atmosphere Test 5:- 1. Insolation, 2. Humidity Test 6:- 1. Atmospheric pressure and winds, 2. Map Work : World – Mountain & Rivers</p>
MATHS	<p>1st Term : All the chapters of Unit Test 1 & 2 and Chap. 1. Rational and Irrational Numbers, Chap. 9. Mid point and Intercept Theorem, Chap. 18. Circumference and Area of Circle, Chap. 17. Perimeter and Area of Plane figures, Chap. 21. Coordinate Geometry, Chap. 8. Triangles UNIT TEST – 1 : Chap. 2. Compound Interest, Chap. 3. Expansions, Chap. 4. Factorisation UNIT TEST – 2 : Chap. 5. Simultaneous Linear Equations, Chap. 6. Indices, Chap. 7. Logarithms, Chap. 10. Pythagoras Theorem</p>
	<p>2nd Term : All the chapters of Unit Test 3 & 4 and Chap. 11. Quadrilaterals, Chap. 17. Area of Parallelograms and Triangles UNIT TEST – 3 : Chap. 13. Chord Properties’ of a Circle, Chap. 15. Frequency Distribution, Chap. 16. Mean & Median of Ungrouped Data and Frequency polygon UNIT TEST – 4 : Chap. 20. Trigonometrical Ratios, Chap. 19. Volume and surface Area of Solids, Chap. 18. Arc Properties of Circles ** Full year course in Final Exam.</p>

<p style="text-align: center;">HISTORY / CIVICS</p>	<p>1st Term : All the chapters of Test 1, 2, 3 and Indian National Movement Test 1:- Civics :- Chap. 1. Our Constitution, Chap. 2. Basic Features of the Constitution, Chap. 3. Fundamental Rights & Duties, Chap. 4. Directive Principles of State Policy Test 2:- History :- Chap. 1. The Harappan Civilization, Chap. 2. The Vedic India, Chap. 3. Jainism & Buddhism, Chap. 4. The Mauryan Empire Test 3:- History :- Chap. 5. The Sangam Age, Chap. 6. The Age of the Guptas, Chap. 7. Medieval India : South India & the Cholas, Chap. 8. Medieval India : The Delhi Sultanate History :- Indian National Movement</p> <p>2nd Term : All the chapters of Test 1 to 6 Test 4:- Civics :- Chap. 5. Elections, Chap. 6. Local Self – Government – Rural Chap. 4. Local Self – Government – Urban Test 5:- History :- Chap. 9. The Mughal Empire, Chap. 10. Composite Culture : The Sufi & Bhakti Movements, Chap. 11. Modern Age in Europe : The Renaissance Test 6:- History :- Chap. 12. The Reformation, Chap. 13. The Industrial Revolution **Full year course will be included in the Final Examination</p>
<p style="text-align: center;">HINDI</p>	<p>1st Term : नया रास्ता – Chap. 1 से 9, एकांकी संचय – Chap. 1 से 3 व्याकरण पल्लव – निबंध, पत्र लेखन, अपठित गद्यांश, मुहावरे-लोकोक्तियाँ, पर्यायवाची, विलोम, भाववाचक, विशेषण शब्द, निर्देशानुसार वाक्य परिवर्तन, शुद्ध भाब्द, काल, लिंग, वचन, एक भाब्द, वाच्य। Test 1:- साहित्य : नया रास्ता – Chap. 1 से 4, एकांकी संचय – Chap. 1 Test 2:- नया रास्ता – Chap. 5 से 7, एकांकी संचय – Chap. 2 1st Assessment : अपठित गद्यांश, पर्यायवाची, विलोम, विशेषण, भाववाचक संज्ञा, शुद्ध शब्द एवं वाक्य, मुहावरे।</p> <p>2nd Term : नया रास्ता – Chap. 9, 10 से 16, एकांकी संचय – Chap. 1 से 5 व्याकरण पल्लव – निबंध, पत्र लेखन, अपठित गद्यांश, एक भाब्द, मुहावरे-लोकोक्तियाँ, निर्देशानुसार वाक्य परिवर्तन, अनेकार्थक भाब्द, भुद्ध वाक्य, लिंग, वचन, काल, पर्यायवाची, विलोम। Test 3:- साहित्य : नया रास्ता – Chap. 11 से 13, एकांकी संचय – Chap. 4 Test 4:- नया रास्ता – Chap. 14 से 16, एकांकी संचय – Chap. 5 2nd Assessment : अपठित गद्यांश, पर्यायवाची, विलोम, भाववाचक संज्ञा, शुद्ध शब्द एवं वाक्य, मुहावरे, लोकोक्तियाँ। ** वार्षिक परीक्षा में पूरा पाठ्यक्रम आएगा।</p>
<p style="text-align: center;">COMMERCIAL STUDIES</p>	<p>1st Term : All the chapters of Unit Test 1 & 2 and 1. Finance and Accounts, 2. Human Resources, 3. Production, 4. Purchasing and Stores, 5. General Administration, Legal Compliance and Management Information System Test 1:- 1. Commercial & Non Commercial Activities, 2. Business Activities, 3. Sole Proprietorship & Hindu Undivided Family Business, 4. Profit and Non-Profit Organisation, 5. Classification of Commercial Organisation Test 2:- 1. Partnership, 2. Joint Stock Company, 3. Cooperative Society, 4. Public Sector Enterprises, 5. Marketing & Sales</p>
	<p>2nd Term : All the chapters of Test 3 & 4 and 1. Banking, 2. Trade, Test 3:- 1. Communication in Commercial Organisations, 2. Verbal & Non-Verbal Communication, 3. Different Methods of Communication Test 4:- 1. Meaning, Objectives & Terminology of Accounting, 2. Basic Accounting Principles & Concepts, 3. Accounting Books & Statements **1st Term Course included in the Final Examination</p>
<p style="text-align: center;">ENGLISH LANGUAGE</p>	<p>1. Transformation of sentences, 2. Joining Sentences without using ‘and’, ‘but’ or ‘so’, 3. Conjunctions, 4. Prepositions, 5. Articles, 6. Tenses and Verbs (Subject & Verb Agreement), 7. Letter :- Formal & Informal, 8. Notice, 9. Email, 10. Essays :- Narrative, Descriptive, Reflective, Argumentative, Expository, Short Story, Picture Composition, 11. Aural and Oral exercises, 12. Word meaning & Spellings, 13. Comprehension Passages ** First Assessment to be conducted in May and Second Assessment in November. (Notice, email, letter, aural and Oral)</p>
<p style="text-align: center;">ENGLISH LITERATURE</p>	<p>1st Term : I. DRAMA : Act-I to Act II scene (I), II. POEMS : The Heart of the Tree, The Cold Within, Television, III. STORIES : Hearts and Hands, A Horse and Two Goats, A Face in the Dark Test 1:- DRAMA : Act-I scene (I), POEM : The Heart of the Tree, STORY : Hearts and Hands Test 2:- DRAMA : Act-I scene (II), POEM : The Cold Within, STORY : A Horse and Two Goats Test 3:- DRAMA : Act-I scene (III), POEM : Television, STORY : A Face in the Dark</p> <p>2nd Term : I. DRAMA : Act-II Scene (II) to Act III scene (I), II. POEMS : Bangle Sellers, After Blenheim, Daffodils, III. STORIES : Chief Seattle’s Speech, Old Man At the Bridge, An Angel in Disguise Test 1:- DRAMA : Act-II scene (II & III), POEM : Bangle Sellers, STORY : Chief Seattle’s Speech Test 2:- DRAMA : Act-II scene (IV, V, VI), POEM : After Blenheim, STORY : Old Man At the Bridge Test 3:- DRAMA : Act-II scene (VII, VIII & IX), POEM : Daffodils, STORY : An Angel in Disguise. ** All the chapters of I Term and II Term will be included in the final examination.</p>

ECONOMICS	<p><u>1st Term : All the chapters of Test 1, 2 and 3</u> <u>Test 1</u>:- Chap. 1. Introduction to Economics, Chap. 2. Basic Concepts of Economics <u>Test 2</u>:- Chap. 3. Types of Economies, Chap. 4. Basic Problems of an Economy <u>Test 3</u>:- Chap. 10. Major Reforms and Emerging Trends in the Indian Economy</p>
	<p><u>Final Term : All the chapters of Test 4, 5 and 6</u> <u>Test 4</u>:- Chap. 5. Primary Sector : Agriculture, Chap. 7. Tertiary Sector <u>Test 5</u>:- Chap. 6. Secondary Sector <u>Test 6</u>:- Chap. 8. Poverty in India, Chap. 9. Problem of Unemployment in India **1st Term Course is included in the Final Examination</p>



IPEM INTERNATIONAL SCHOOL & COLLEGE, ALLAHABAD
Class – 10 Syllabus for the Year 2019 – 2020

PHYSICS	<p><u>1st Term : All the chapters of Test 1, Test 2 and Chap. 9</u> <u>Test 1</u>:- Chap. 1. Force, Chap. 2. Work, Energy & Power, Chap. 3. Machines, Chap. 4. Refraction of Light at Plane Surfaces, Chap. 5. Refraction through a Lens <u>Test 2</u>:- Chap. 6. Spectrum, Chap. 7. Sound, Chap. 8. Current Electricity</p> <p><u>PRELIMS</u> : Entire syllabus to be included in Prelims. <u>Test 3</u>:- Chap. 10. Electromagnetism, Chap. 11. Calorimetry, Chap. 12. Radioactivity ** Entire syllabus to be included in Prelims. Practicals to be conducted throughout the year.</p>
CHEMISTRY	<p><u>1st Term : All the chapters of Test 1 and Test 2</u> <u>Test 1</u>:- Chap. 1. The Periodic Table, Chap. 2. Chemical bonding, Chap. 3. Acid, Bases and Salts, Chap. 4. Analytical Chemistry <u>Test 2</u>:- Chap. 5. Mole Concept, Chap. 6. Electrolysis, Chap. 12. Organic Chemistry</p> <p><u>PRELIMS</u> : Entire syllabus to be included. <u>Test 3</u>:- Chap. 7. Metallurgy, Chap. 8. Study of Compounds – hydrogen chloride, Chap. 9. Study of compounds – Ammonia, Chap. 10. Study of compounds – Nitric Acid, Chap. 11. Sulphuric Acid, Chap. 13. Practical Work **Practical should be done throughout the year.</p>
BIOLOGY	<p><u>1st Term : All the chapters of Test 1 and Test 2</u> <u>Test 1</u>:- Chap. 3. Genetics, Chap. 4. Absorption by Roots, Chap. 5. Transpiration, Chap. 6. Photosynthesis, Chap. 7. Chemical Co-ordination in Plants <u>Test 2</u>:- Chap. 8. The Circulatory System, Chap. 9. The Excretory System, Chap. 10. The Nervous System, Chap. 11. Sense Organs, Chap. 16. Pollution</p> <p><u>PRELIMS</u> : Includes Entire year Syllabus. <u>Test 3</u>:- Chap. 12. The Endocrine System, Chap. 13. The Reproductive System, Chap. 14. Human Evolution, Chap. 15. Population, Chap. 2. Structure of Chromosomes, Cell cycle & Cell Division</p>
EVA	<p><u>1st Term : All the chapters of Test 1 and Test 2</u> <u>Test 1</u>:- Chap. 1. Caring for our Soil, Chap. 2. Fuel wood crisis, Chap. 3. Waste Generation and Treatment <u>Test 2</u>:- Chap. 4. Caring for our Air, Chap. 5. Legislation as a means to reduce pollution, Chap. 6. Caring for our water</p> <p><u>PRELIMS</u> <u>Test 3</u>:- Chap. 7. Resource Use, Chap. 8. Evolving sustainable paradigm, Chap. 9. Eco-friendly Technologies, Chap. 10. Initiative I can take <u>2nd Term : Entire syllabus to be included in Prelims</u></p>
GEOGRAPHY	<p><u>1st Term : All the chapters of Test 1 & 2 and Chap. Agriculture 1, 2 & 3. Survey Maps, Map of India</u> <u>Test 1</u>:- 1. Soil Resources in India, 2. Natural Vegetation, 3. Water Resources <u>Test 2</u>:- 1. Mineral & Energy Resources:1, 2. Mineral & Energy Resources:2, 3. Climate of India</p> <p><u>PRELIMS</u> <u>Test 3</u>:- 1. Survey Maps, 2. Map Work : India</p> <p>1. Manufacturing Industries in India – 1 & 2, B. Transport, C. Waste Management **Entire Syllabus will be included in PRELIMS.</p>
MATHS	<p><u>1st Term : All the chapters of Unit Test 1 & 2 and</u> Chap. 6. Problems on Quadratic Equations, Chap. 9. Matrices, Chap. 3. Shares and Dividend, Chap. 12. Reflection, Chap. 13. Sections and Mid point formula, Chap. 14. Equation of a straight line, Chap 15. Similarity (As a size transformation), Chap. 16. Similarity of Triangles, Chap. 17. Loci, Chap. 18. Angle and Cyclic Properties of a circle, Chap. 19. Tangent Properties of a Circle, Chap. 1. Goods and Services Tax (GST), Chap. 21. Volume and Surface area of Solids <u>UNIT TEST – 1</u> : Chap. 2. Banking, Chap. 4. Linear Inequation, Chap. 5. Quadratic Equation, Chap. 8. Arithmetic Progression <u>UNIT TEST – 2</u> : Chap. 7. Ratio and Proportion, Chap. 8. Remainder Theorem and Factor Theorem, Chap. 11. Geometric Progression</p> <p><u>PRELIMS</u> : Chap. 22. Trigonometrical, Identities, Chap. 23. Height and Distance, Chap. 20. Construction, Chap. 27. Probability <u>UNIT TEST – 3</u> : Chap. 24. Graphical Representation of Statistical Data, Chap. 25. Measures of Central Tendency, Chap. 26. Median, Quartiles and Mode, ** Prelims – Entire Syllabus</p>

<p style="text-align: center;">HISTORY / CIVICS</p>	<p>Half Yearly Exam Test 1:- Civics :- Chap. 1. The Union Legislature, Chap. 2. The Union Executive History :- Chap. 1. The First War of Independence, Chap. 2. Factors promoting the growth of Nationalism Test 2:- Chap. 3. Programme & Achievements of Early Nationalists / Moderates, Chap. 4. Rise of Assertives/Radical Nationalism, Chap. 5. Partition of Bengal, Swadeshi & Boycott Movements, Chap. 6. Formation of Muslim League, Chap. 7. The National Movement (During the 1st World War) Test 3:- Chap. 8. Mahatma Gandhi & The National Movement, Chap. 9. The National Movement (1935 – 42), Chap. 10. The Last Phase – Independence & Partition of India (1942 – 47), Chap. 11. The First World War (1914 – 18), Chap. 12. Rise of Dictatorship : Fascism & Nazism, Chap. 13. The Second World war (1939 – 45)</p> <p>PRELIMS Civics :- Chap. 3. The Union Judiciary - The Supreme Court, Chap. 15. The State Judiciary - The High Court, Chap. 5. Subordinate Courts History :- Chap. 14. The United Nations, Chap. 15. Major Agencies of the United Nations Organisation, Chap. 16. The Non Aligned Movement **Full year course in Prelims</p>
<p style="text-align: center;">HINDI</p>	<p>1st Term : नया रास्ता – Chap. 10 से 26, एकांकी संचय – Chap. 4 से 6 व्याकरण पल्लव – निबंध, पत्र लेखन, अपठित गद्यांश, भाववाचक संज्ञा, शुद्ध भाव एवं वाक्य, निर्देशानुसार वाक्य परिवर्तन, मुहावरे एवं लोकोक्तिर्याँ, एक शब्द, लिंग, वचन, काल, क्रिया, उपसर्ग-प्रत्यय, वाच्य । Test 1:- साहित्य : नया रास्ता – Chap. 12 से 17, एकांकी संचय – Chap. 4 Test 2:- नया रास्ता – Chap. 18 से 23, एकांकी संचय – Chap. 5 1st Assessment : अपठित गद्यांश, व्याकरण : पर्यायवाची, विलोम, विशेषण, भाववाचक संज्ञा, शुद्ध शब्द, मुहावरे । लिखित एवं मौखिक दोनों । ** PRELIMS मं साहित्य एवं भाषा में पूरा पाठ्यक्रम आएगा ।</p>
<p style="text-align: center;">COMMERCIAL STUDIES</p>	<p>1st Term : All the chapters of Unit Test 1 & 2 and 1. Consumer Protection, 2. E-Commerce, 3. Capital and Revenue Expenditure/Income, 4. Fundamental Concepts of Costs, 5. Budgeting Unit Test 1:- 1. Stakeholders in Commercial Organisation, 2. Marketing & Sales, 3. Advertising and Sales Promotion Unit Test 2:- 1. Sources of Finance, 2. Recruitment, Selection & Training, 3. Industrial Relations, Trade Union & Social Security, 4. Logistics and Insurance</p> <p>PRELIMS : All the chapters of Test 3 and 1st Term Syllabus included. Unit Test 3:- 1. Final Accounts of Sole Proprietorship, 2. Banking, 3. Striving for a Better Environment</p>
<p style="text-align: center;">ENGLISH LANGUAGE</p>	<p>Essay :- Narrative, Descriptive, Reflective, Expository, Argumentative, Short Story, Picture Composition Letter :- Formal and Informal, Email and Notice, Comprehension Passages Grammar :- Transformation of Sentences, Joining of Sentences without using ‘and’ , ‘but’ , or ‘so’ , Conjunctions, Prepositions, Articles, Tenses and verbs (Subject – Verb Agreement) Aural and Oral exercises, Word meanings & Spellings ** One ICSE (Previous Years) question paper to be solved every month. First assessment to be conducted in July, Second Assessment in November.</p>
<p style="text-align: center;">ENGLISH LITERATURE</p>	<p>1st Term : I. DRAMA : The Merchant of Venice Act-III Scene (II) to Act (V) Scene (I), II. POETRY : 1. I know why the Caged Bird Sings, 2. The Patriot, 3. Abou Ben Adhem, 4. Nine Gold Medals, III. SHORT STORIES : 1. The Little Match Girl, 2. The Blue Bead, 3. My Greatest Olympic Prize, 4. All Summer in A Day Test 1:- DRAMA : Act-III scene (II & III), POEMS : The Patriot, I know why the Caged Bird Sings, STORIES : The Little Match Girl, The Blue Bead Test 2:- DRAMA : Act-III scene (IV & V), POEMS : Abou Ben Adhem, Nine Gold Medals, STORIES : My Greatest Olympic Prize, All Summer in A Day</p> <p>Half Yearly Examination :- The whole Play, All ten Poems and Stories Test 3:- DRAMA : Act-IV scene (I & II), POEM : Television, STORY : Chief Seattle’s Speech</p> <p>PRELIMS : All the Acts of The Merchant of Venice, All 10 Stories and all the 10 Poems will be included.</p>
<p style="text-align: center;">ECONOMICS</p>	<p>1st Term : All the chapters of Test 1 and 2 and the following chapters : Chap. 1. Factors of Production, Chap. 6. Meaning and Functions of Money, Chap. 9. Introduction to Public Finance, Chap. 10. Public Revenue, Chap. 11. Public Expenditure, Chap. 12. Public Debt, Chap. 13. Inflation</p>

	<p><u>Test 1</u>:- Chap. 2. Elementary Theory of Demand, Chap. 3. Elasticity of Demand <u>Test 2</u>:- Chap. 4. Theory of Supply, Chap. 5. Meaning & Types of Markets</p> <p><u>PRELIMINARY EXAMINATION</u> : All the chapters of Test 3 and Chap. 14 Consumer Awareness. First term course is included in the Preliminary Examination.</p> <p><u>Test 3</u>:- Chap. 7. Commercial Banks, Chap. 8. Central bank</p>
SUPW	Craft items should be submitted by 20 th July 2019, failing which the students will be given zero.



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class – 11 Syllabus Year 2019 – 2020

ENGLISH LANGUAGE	<ol style="list-style-type: none"> 1. <i>Essay Writing (Composition) – descriptive, narrative, argumentative, expository, reflective, short story</i> 2. <i>Directed Writing – article writing, book/film/cultural/programme review, speech writing, report writing, personal profile etc.</i> 3. <i>Proposal Writing – based on a given situation or purpose.</i> 4. <i>Grammar – Transformation of sentences, Prepositions, Tenses & Verbs, Subject-Verb agreement, phrasal verbs, voice change, direct-indirect speech, synthesis of sentences.</i> 5. <i>Comprehension Passages – finding similar words, sentence making, answering questions, point making, summary writing.</i>
ENGLISH LITERATURE	<p>UNIT TEST 1 – Act I (Sc 1, Sc 2 half), The Dolphins (Reverie) Ch.3, Salvatore (Echoes) Ch.1 HALF YEARLY EXAMINATION : Tempest – Act I (Sc 2), Act II Reverie : The Gift of India Ch. 4, John Brown Ch.6 Echoes : Fritz Ch.2, Quality Ch.3 Note: (U.T.I syllabus to be included in Half Yearly) 2nd Term : UNIT TEST 2 – Tempest : Act II (Sc1), Desiderata (Reverie) Ch.7, The Chinese Statue (Echoes) Ch.6 FINAL EXAMINATION : Tempest – Act III (Sc.2, Sc.3), Reverie : The Spider and the Fly, The Darkling Thrush Echoes : A Gorilla in the Guest Room, The Story of an Hour Note : All the chapters of the first term and second term will be included in the final examination.</p>
MATH	<p>UNIT TEST 1 – Complex Numbers Ch.9, Quadratic Equations Ch.10, Inequalities Ch.11 1st Term : (All the chapters of Unit test 1 and) Sets Ch.1, Relations and functions Ch.2, Angles and Arc lengths Ch.3, Trigonometrical Functions Ch.4, Compound and Multiple Angles Ch.5, Trigonometric Equations Ch.6, Properties of triangles Ch.7, Parabola Ch.23, Ellipse Ch.24, Hyperbola Ch.25, Statistics (contd. from ch.20) Ch.28, Correlation Analysis Ch.29, Index Numbers and Moving Average Ch.30 UNIT TEST 2 – Binomial Theorem Ch.13, Sequence and Series Ch.14, Differentiation Ch.18 2nd Term : (All the chapters of Unit test 2 and) Permutations and Combinations Ch.12, Mathematical Induction Ch.8, Basic Concepts of points and their co-ordinates Ch.15, The straight lines Ch.16, Circles Ch.17, Measures of Central Tendency Ch.20, Measures of Dispersion Ch.21, Probability Ch.22, Points and their Co-ordinates in 3-Dimensions Ch.26, Moving Average Ch.31 Note : Final Exam – Entire Syllabus</p>
PHYSICS	<p>PROJECT & TEST 1 – 1. Physical World, 2. Units and Measurement : Error Analysis, 3. Dimensional Analysis, 4. Motion in a straight line, 5. Motion in a plane, 6. Newton’s Laws of Motion, 7. Friction, 8. Uniform Circular Motion and 9. Work, Energy and Power 1st Term : (All the chapters of Unit test 1 and) 10. Centre of Mass, 11. Rotational Motion of a Rigid Body : Moment of Inertia, 12. Gravitation, 13. Elasticity, 14. Fluid Pressure, 15. Flow of liquids and 16. Surface Tension PROJECT & TEST 2 – 17. Thermal Properties of Matter, 18. Heat Transfer, 19. Thermodynamics, 20. Isothermal and Adiabatic Processes, 21. Heat Engine : Second Law of Thermodynamics, 22. Behaviour of Perfect Gas and Kinetic Theory of Gases 2nd Term : (All the chapters of Unit test 2 and) 23. Simple Harmonic Motion, 24. Free, Damped and Forced Oscillations, 25. Waves, 26. Wave Motion, 27. Superposition of Wave – 1 : Interference & Beats; 28. Superposition of Wave – 2 : Stationary Waves, 29. Vibration of Air Column, Vibrations of Stretched Strings, 30. Doppler Effect Note : Final Exam – Entire Syllabus</p>
CHEMISTRY	<p>PROJECT & TEST 1 : Some basic concepts of Chemistry Ch.1, Structure of Atom Ch.2, Redox Reactions Ch.8, Hydrocarbons Ch.13 HALF YEARLY : Some basic concepts of Chemistry Ch.1, Structure of Atom Ch.2, Classification of Elements, Periodicity in properties Ch.3, Chemical Bonding and Structure Ch.4, Redox Reactions Ch.8, Hydrocarbons Ch.13 PROJECT & TEST 2 : States of Matter Ch.5, s-block elements Ch.10, Organic Chemistry : some basic principle and techniques Ch.12 FINAL TERM : States of Matter Ch.5, Chemical Thermodynamics Ch.6, Equilibrium Ch.7, Hydrogen Ch.9, s-block elements Ch.10, Some p-block elements Ch.11, Organic chemistry : some basic principles and techniques Ch.12 Note : Final Exam – Entire Syllabus</p>
BIOLOGY	<p>1st Term : PROJECT & TEST 1 : The living World Ch.1, Systematics and Five Kingdoms of Life Ch.2, Tools for study of Taxonomy Ch.3, Kingdom Monera Ch.4, Kingdom Protista Ch.5, Photosynthesis in Higher Plants Ch.23, Digestion and Absorption Ch.26, Breathing and Exchange of Gases Ch.27 Half-yearly : All the chapters of test 1 and - Plant Kingdom Ch.7, Morphology of Root, Stem and Leaf Ch.9, Animal Tissues Ch.13, Cell Theory and cell as a Unit of Life Ch.15, Cell Membranes Ch.16, Transport in Plants Ch.21, Mineral Nutrition Ch.22, Body fluids and circulation Ch.28, Excretory products and their elimination Ch.29 2nd Term : PROJECT & TEST 2 : Animal Kingdom Ch.8, Tissues Ch.12, Biomolecules Ch.18, Enzymes Ch.19, Plant-Growth and Development Ch.25, Neural Control and Co-ordination Ch.31, Chemical Co-ordination and Integration Ch.32 Note : Final Exam – Entire Syllabus</p>

COMPUTER SCIENCE	<p>1st Term : 1. Numbers, 2. Encoding, 3. Introduction of Propositional Logic, 4. Hardware Implementation, 5. Data Structure-1, 6. Object Oriented Programming Using Java-2D Array Unit Test 1/Practical Exam : Unit test will include Practical Exam and Question Paper as well. 2nd Term : 7. Adv. Propositional Logic – Hardware Implementation and Arithmetical Operations, 8. Method Based Programming, 9. Introduction of Boolean Algebra, 10. Computing and Ethical Issues, 11. Recursion Unit Test 2/Practical Exam : Unit test will include Practical Exam and Question Paper as well. Assignment work notebook has to be submitted. Note : Final Exam Paper is to be made as per Council's pattern.</p>
COMMERCE	<p>PROJECT & TEST 1 : 1. Classification of Human Activities, 2. Nature and objectives of Business, 3. Classification of Business Activities, 4. Introduction to Business organisation, 5. Sole Trader 1st Term : (Project & Test 1 and the following chapters) 6. Partnership, 7. Joint Stock Company, 8. Types of companies, 9. Formation of Company 10. Public Enterprises, public utilities and public private partnership, 11. Cooperative organisation, 12. Social responsibilities of Business, 13. E-business and outsourcing, 14. Stock Exchange PROJECT & TEST 2 : 15. Wholesale Trade, 16. Retail Trade, 17. Procedure and documents used in home trade, 18. Chamber of Commerce 2nd Term : (Project & Test 2 and the following chapters) 19. Nature and scope of foreign trade, 20. Export Trade, 21. Import Trade, 22. World Trade Organisation (WTO), 23. Business risk and insurance, 24. Types of insurance Note : Final Exam – Entire Syllabus</p>
ACCOUNTANCY	<p>PROJECT & TEST 1 : 1. Meaning and objectives of Accounting, 2. Basic Accounting Terms, 3. Bases of Accounting, 4. Double Entry System, 5. Accounting Equation, 6. Books of original entry – Journal, 7. Generally Accepted Accounting principles. 1st Term : (Project & Test 1 and the following chapters) 8. Accounting standards and IFRS, 9. Accounting for Goods and Services Tax (GST), 10. Cash Book, 11. Books of original entry-special purpose subsidiary books, 12. Ledger, 13. Trial Balance, 14. Bank Reconciliation Statement, 15. Provision and Reserves, 16. Depreciation PROJECT & TEST 2 : 17. Capital and Revenue, 18. Final Accounts, 19. Final Accounts - with Adjustments 2nd Term : (Project & Test 2 and the following chapters) 20. Accounts from Incomplete Records – Single Entry System, 21. Bills of Exchange, 22. Errors & Rectification, 23. Accounts of Not-for profit organisations, 24. Introduction to the use of computers in Accounting, 25. Computerised Accounting System Note : Final Exam – Entire Syllabus</p>

ECONOMICS	<p>PROJECT & TEST 1 : 1. Definition of Economics, 2. Basic Concepts of Economics, 3. Basic Problems of an Economy, 4. Types of Economies 1st Term : (Project & Test 1 and the following chapters) 5. Solutions to the basic Economic Problems under different Economic systems, 6. The State of the Indian Economy on the Eve of Independence, 7. Economic Growth and Development, 8. Parameters (Indicators) of Development, 9. Definition, Scope, Importance and limitations of Statistics, 10. Collection, Organisation and Presentation of Data, 11. Measures of Central Value. PROJECT & TEST 2 : 1. Measures of Dispersion, 2. Correlation, 3. The problem of poverty in India. Final Term : (Project & Test 2 and the following chapters) 3. Index Number, 4. Some Mathematical Tools used in Economics, 5. Sustainable Development, 6. Planning & Economic Development in India, 7. Structural changes in the Indian Economy after liberalization, 8. Profile of Indian Agriculture/Rural Development, 9. Human capital formation in India, 10. Employment and Unemployment in India – Problems and Policies, 11. Comparative Study of Indian and Chinese Economies. Note : 1st Term syllabus is included in the Final Exam</p>
HINDI	<p>1st Term : <u>हिन्दी साहित्य</u> – गद्य संकलन : पाठ 1 से 4 तक, सारा आकाश : पाठ 1 से 9 तक, आशाढ़ का एक दिन : पृष्ठ संख्या 6 से 40 तक, <u>हिन्दी भाषा</u> – निबंध, अपठित, मुहावरे-लोकोक्तियाँ, वाक्य भुद्ध करना, मौलिक कहानी, अनुच्छेद, निर्देशानुसार वाक्य परिवर्तन Unit Test 1 : गद्य संकलन : पाठ 1 पुत्र प्रेम, सारा आकाश : पूर्वार्द्ध – पाठ 1 से 3 तक, आशाढ़ का एक दिन : पृष्ठ संख्या 6 से 12 तक, <u>व्याकरण</u> – मुहावरे-लोकोक्तियाँ, अनुच्छेद, वाक्य भुद्ध करना, काल परिवर्तन 2nd Term : <u>हिन्दी साहित्य</u> – गद्य संकलन : पाठ 2 से 7 तक, सारा आकाश : पाठ 10 एवं उत्तरार्द्ध में 1,2,3, आशाढ़ का एक दिन : पृष्ठ संख्या 20 से 80 तक,</p>

व्याकरण – पूरा पाठ्यक्रम आएगा।

Unit Test 2 : गद्य संकलन : पाठ 5 (आउटसाइडर), सारा आकाश : अध्याय 10 एवं उत्तरार्द्ध 1, आशाढ़ का एक दिन : पृष्ठ संख्या 40 से 55 तक,

व्याकरण – मुहावरे-लोकोक्तियाँ, अनुच्छेद, सूक्ष्मार्थी शब्द, वाक्य शुद्ध करना।



IPEM INTERNATIONAL SCHOOL & COLLEGE
Class – 12 Syllabus Year 2019 – 2020

ENGLISH LANGUAGE	<ol style="list-style-type: none"> 1. <i>Essay Writing (Composition) – descriptive, narrative, argumentative, expository, reflective, short story</i> 2. <i>Directed Writing – article writing, book/film/cultural/programme review, speech writing, report writing, personal profile etc.</i> 3. <i>Proposal Writing – based on a given situation or purpose.</i> 4. <i>Grammar – Transformation of sentences, Prepositions, Tenses & Verb, Subject-Verb agreement, phrasal verbs, Voice change, Direct-Indirect speech, Synthesis of Sentences.</i> 5. <i>Comprehension Passages – finding similar words, sentence making, answering questions, summary writing.</i>
ENGLISH LITERATURE	Drama – Candida (Act I to Act III) Poetry – Chapters 2, 5, 8, 10 (Reverie) Short Stories – Ch. 4, 8, 9, 10 (ECHOES) *All 10 poems and all 10 stories along with all 3 acts of Candida are to be included in Half-yearly & Prelims.
MATH	UNIT TEST 1 – Inverse Trigonometric Functions Ch.4, Matrices Ch.6, Determinants Ch.5, Vectors Ch.21 1st Term : (All the chapters of Unit test 1 and) Application of Calculus in Commerce Ch.25, Continuity and Differentiability of functions Ch.7, Differentiation Ch.8, Indeterminate forms of limits Ch.9, Mean Value Theorem Ch.10, Application of Derivatives Ch.11, Maxima and Minima, Ch.12, Indefinite Integral-1 Ch.13, Indefinite Integral-2 Ch.14, Indefinite Integral-3 Ch.15, Definite Integral Ch.16, Three Dimensional Geometry Ch.23, The Plane Ch.24, Linear Regression Ch.27 PRELIMS : Application of Integral Area of curve Ch.25, Differential Equation Ch.17, Probability Ch.18, Baye's Theorem Ch.19, Theoretical Probability Distribution Ch.20, Linear Programming Ch.27, Relations Ch.1, Functions Ch.2, Binary Operation Ch.3 Note : PRELIMS – Entire Syllabus
PHYSICS	1st Term : Electric charges and fields, Gauss' Theorem, Electric Potential and Potential Energy, Capacitors and Dielectrics, Electric Resistance and Ohm's Law DC Circuits and Measurements, Moving Charges and Magnetism Torque on a Current Loop : Moving Coil Galvanometer, Magnetic Field and Earth's Magnetism, Magnetic Classification of Substances, Electromagnetic Induction, Alternating Current Electromagnetic Waves, Spherical Mirrors, Reflection of light at Plane Interface : TIR : Optical Fibre, Refraction through Spherical Surfaces and Lenses, Refraction and Dispersion through Prism, Optical Instruments Wave Nature of Light : Huygens Principle, Interference of Light, Diffraction of Light, Polarization of Light Prelims : Photoelectric Effect, Matter Waves, X-rays, Atom, origin of Spectra : Bohr's Theory of Hydrogen Atom, Nuclear Structure, Radioactivity, Mass – Energy Equivalence : Nuclear Binding Energy, Nuclear Fission and Fusion : Sources of Energy Semiconductor Electronics, Junction Diodes, Junction Transistors, Logic Gates, Communication Systems. Note : PRELIMS – Entire Syllabus. (Project work should be submitted by July 20th 2019)
CHEMISTRY	1st Term : Solid state, Solutions, Electrochemistry, General principles and process of isolation of elements, p-block elements, haloalkanes and haloalkenes, Alcohols, phenols and ethers, biomolecules, polymers, Chemistry in everyday life Prelims : Chemical kinetics, Surface chemistry, d and f-block elements, Co-ordination compounds, aldehydes, ketones, carboxylic acids, organic compound containing nitrogen & entire syllabus of Term 1 Note : PRELIMS– Entire Syllabus (Project : polymers, biomolecules, solid state, thermodynamics, chemical bonding). Project work should be submitted by 20th July,2019
BIOLOGY	1st Term : Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Elements of Heredity and Variation, Genes and Chromosomes, Mutations, Genetic material, Genetic Code and Protein Synthesis, Gene Expression and its regulation, Origin of life, Evidences of Biological Evolution, Theories and Mechanism of Evolution, Human Evolution, Common Human Diseases, Basic concepts of Immunology, Adolescence : Drug and Alcohol Abuse, Improvement in Food Production, Apiculture and Animal Husbandry Prelims : Microbes in Human Welfare, Principles and Processes of Biotechnology, Biotechnology and its Applications, Bio-safety Issues – Bio-piracy and Bio-patent, Organisms and their Environment, Population Interactions, Concepts of Population Growth, Ecosystem, Biodiversity and its Conservation, Environmental Issues Note : Prelims – Entire Syllabus Project file should be submitted by 20th July,2019
COMPUTER SCIENCE	1st Term : Propositional Logic, Hardware Implementation & Arithmetic Operations, Java Programming (Method Based), Arrays, String Handling Practical Exam 1 : Questions are to be based on Number Analysis, Arrays and String Handling 2nd Term : Java Programming based on Recursion, Data Structure-2, Inheritance, Polymorphism, Interface, Computational Complexity Practical Exam 2 : Questions are to be based on Number Analysis, Arrays and String Handling. Assignment work notebook is to be submitted. Note : Prelims Paper is to be made as per Council's pattern.
COMMERCE	Unit Test : Business Environment, Capital - Fixed and Working, Banking – Latest Trends, Consumer Protection, Sources of Finance for a Joint Stock Company 1st Term : (Unit Test and the following chapters) <i>Management – Meaning, Nature and Importance, Principles of Management, Functions of Management and Coordination, Planning, Organising, Staffing, Directing</i>

	<p>PROJECT: 1. Procedure of opening a Saving Bank Account 2. Consumer Protection</p> <p>Prelims : Controlling, Marketing – Concepts and Functions, Marketing Mix</p> <p>Note : Entire Syllabus in Prelims & viva Project work should be submitted by 20th July,2019</p>
ACCOUNTANCY	<p>Unit Test : Accounting for Partnership Firms – Fundamentals, Goodwill – Concept and valuation, Admission of Partner, Tools for Financial Analysis – Comparative statements, Common size statements</p> <p>1st Term : (Unit Test and the following chapters)</p> <p>Retirement or death of a partner, Dissolution of a partnership firm, Company Accounts – Issue of shares, Company Accounts – Issue of debentures</p> <p>PROJECT : 1. Partnership, 2. Cash Flow Statement</p> <p>Prelims : Company Accounts – Redemption of Debentures, Financial Statement of companies, Ratio Analysis, Cash Flow Statement</p> <p>Note : Entire Syllabus in Prelims & viva Project work should be submitted by 20th July,2019</p>
ECONOMICS	<p>Unit Test : Demand and Law of Demand, Theory of Consumer Behaviour, Elasticity of Demand, Supply : Law of Supply & Price Elasticity of Supply, Market Mechanism : Equilibrium Price and Quantity in a Competitive Market, Laws of Returns : Returns to a Factor and Returns to Scale.</p> <p>1st Term : (Unit Test and the following chapters)</p> <p>Cost and Revenue Analysis, Forms of Market, Producer's Equilibrium, Determination of Equilibrium Price and Output under Perfect Competition, Theory of Income and Employment, Money : Meaning & Functions, Banks : Commercial Bank & Central Bank, Balance of Payments and Exchange Rate</p> <p>PROJECT : 1. Money : Meaning & Functions 2. Banks : Commercial Bank & Central Bank</p> <p>Prelims : Fiscal Policy, Government Budget, National Income and Circular Flow of Income, National Income Aggregates, Methods of Measuring National Income</p> <p>Note : Entire Syllabus in Prelims & Viva Project work should be submitted by 20th July,2019</p>
HINDI	<p>विशेष : Test 1,2 के सभी पाठ्यक्रम एवं व्याकरण का पूरा पाठ्यक्रम भी आएगा।</p> <p>1st Term : हिन्दी साहित्य – गद्य संकलन : पाठ 7 से 10 तक, सारा आकाश : उत्तरार्द्ध पाठ 4 से 10 तक, आशाढ़ का एक दिन : अंक 2 एवं 3। व्याकरण – व्याकरण मंजूशा – पूरा पाठ्यक्रम।</p> <p>Unit Test 1 : गद्य संकलन : पाठ 8 भक्तिन, सारा आकाश : उत्तरार्द्ध – 4 से 6 तक, आशाढ़ का एक दिन : पृष्ठ संख्या 70 से 90 तक, व्याकरण – मुहावरे, सूक्ष्मार्थी, अनुच्छेद, वाक्य भुद्ध करो</p> <p>Unit Test 2 : गद्य संकलन : पाठ 9, 10, सारा आकाश : पूरा उत्तरार्द्ध, आशाढ़ का एक दिन : अंक 3 पूरा, व्याकरण – मुहावरे, लोकोक्तियाँ, अनेकार्थक, अनुच्छेद, सूक्ष्मार्थी, वाक्य शुद्ध करना।</p> <p>Prelims : हिन्दी एवं साहित्य दोनों में पूरा पाठ्यक्रम आएगा। ।</p>
SUPW	<p>Note: Craft items to be submitted by 20th July,2019, failing which the students will be given zero.</p>