

## Curriculum - MYP 1

\*Term end assessment will be held based on the complete term syllabus between 20th Nov, 2018 to 28th Nov, 2018 for Term-I and 18th April, 2019 to 26th April, 2019 for Term-II.

### Language and Literature (English)

Unit 1: Childhood		Duration: July - August	
<p><b>Contents:</b></p> <p><b><u>Literature-</u></b> Play- Post office by Rabindranath Tagore, Introduction to drama and dramatist.</p> <p><b><u>Grammar –</u></b> English alphabets with phonetic sounds connecting to appropriate article usage. Sentences (Simple) and its types of sentences (Declarative, Affirmative, Negative, Interrogative and Imperative), Parts of Speech Nouns and Pronouns, Punctuation (.) (?) (!) (Capital Letter), Synonyms and Antonyms Tenses (Simple and Continuous)</p> <p><b><u>Language -</u></b> Note- taking, Summarizing (Flow Chart), Script Writing Draft an Informal Letter, Writing a character sketch. Compare and contrast of characters. Change the ending of the play. Writing a biographical sketch.</p>			
Summative assessments:			
Criteria / task	Course content	Date of assignment	Date of submission
B, C & D (Home task)	Script writing, Grammar topics covered	30.7.2018	10.8.2018
A & D	Text based questions like compare and contrast, character sketch, comment and change the ending of the play, Grammar topics covered.	20.8.2018	20.8.2018

<b>Unit 2: Children's Omnibus</b>	<b>Duration: Sept - Oct - Nov</b>
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**Contents:**

**Literature:**

Introduction to story - Children Omnibus by Ruskin Bond -

The Ghost trouble, The Blue Umbrella

Cricket for Crocodile , Adventures of Toto

**Grammar**

Subject- verb Concord, Suffix and prefix

Adjectives, Verbs (regular and irregular, transitive and intransitive, auxiliary)

**Language**

Create own stories, Diary Entry, Preparing digital illustration of a story, Compare and contrast characters , Compare and contrast two stories, Analyse the story- Theme, setting, plot

Discuss the title of the story

**Summative assessments:**

<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A,B, C and D	All the stories read in Unit 2 Create own stories. Diary Entry Compare and contrast characters Compare and contrast two stories Analyse the story- Theme, setting, plot Discuss the title of the story.	22.10.2018	22.10.2018

**II Term**

<b>Unit 3: Rhyme and Rhythm</b>	<b>Duration: Dec - Jan - Feb</b>
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**Contents:**

**Literature:**

Daffodils by William Wordsworth, Television by Roald Dahl, Jim the Boy who Ran Away - Hilaire Belloc, Dentist and the Crocodile - Roald Dahl

**Grammar**

Idioms and proverbs, Prepositions, Modals, Adverbs, Tenses (Perfect)

**Language**

Summarizing, Paraphrasing, Composing different types of poems using Literary devices

(Acrostic, diamante and free verse poems), Making powerpoint presentation, Peer assessment, Descriptive Writing

**Summative assessments:**

Criteria / task	Course content	Date of assignment	Date of submission
A, B C & D (Hometask followed by presentation)	Literary Devices. Analyse and appreciate excerpts from the text. Composing own poems using Literary devices, Acrostic Poem, Compare and contrast two poems and writing style of the poets. Making powerpoint presentation.	20.12.2018	25.01.2019

**Unit 4: Wanderlust**

**Duration: March - April**

**Contents:**

**Literature-Novel**

Gulliver's Travels (Abridged version), Short movies Alice in the Wonderland and Treasure Island

Author's biography, Identify the themes and settings.

Understand the elements of Novel.

Compare and Contrast characters

**Grammar :**

Conjunctions, Interjections, Homophones and homonyms, One word substitution, Active and passive voice

**Language-**

Drafting a formal Letter (Application), Writing a Blog, Write a Film Review

**Summative assessments:**

Criterion/ task	Course content	Date of assignment	Date of submission
<b>A,B,C &amp; D E- assessment.</b>	Complete syllabus of Unit 4	27.03.2019	27.03.2019

Language and Literature (Hindi)

Unit 1: प्रकृति और मनुष्य		Duration: July - August	
<p><b>Contents:</b>            Knowledge - कविता - श्रेय , लेख - चिपको आन्दोलन , गंगा सफाई अभियान (वीडियो )            व्याकरण - पर्यायवाची शब्द, विलोम शब्द , अनेकार्थी शब्द            संज्ञा, क्रिया एवं वर्ण-विच्छेद            Concept - कविता एवं लेख के प्रकार - विषय , भाषाशैली , चरित्र चित्रण            Skills - सारांश लेखन, अनौपचारिक पत्र लेखन , अनुच्छेद लेखन</p>			
Summative assessments:			
Criteria / task	Course content	Date of assignment	Date of submission
Criterion-C & D Home task	कविता - श्रेय , लेख - चिपको आन्दोलन , गंगा सफाई अभियान (वीडियो ) सारांश लेखन, अनुच्छेद लेखन	06.08.2018	14.08.2018
Unit 2: दयालुता		Duration: Sep-Nov.	
<p><b>Contents:</b>            Knowledge - कविता - माँ कह एक कहानी , संस्मरण - नीलू , पारसमणि लौटा दी , डॉ. प्रकाश आमटे (वीडियो )            व्याकरण - विलोम शब्द, पर्यायवाची शब्द, वाक्यांश के लिए एक शब्द            Concept - कविता के तत्त्व , संस्मरण - देश, काल , पात्र , वातावरण , तुलना -समानताएँ एवं असमानताएँ            Skills --संस्मरण लेखन , पत्र लेखन- अनौपचारिक , अनुच्छेद लेखन</p>			
Summative assessments:			
Criteria / task	Course content	Date of assignment	Date of submission
Criterion- A & B	कविता - माँ कह एक कहानी , संस्मरण - नीलू , पारसमणि लौटा दी , डॉ. प्रकाश आमटे (वीडियो) संस्मरण लेखन , तुलना -समानताएँ एवं असमानताएँ	23.10.18	23.10.18

II Term			
<b>Unit 3: नैतिकता और मनुष्य</b>		<b>Duration: Dec.- Jan.</b>	
<b>Contents:</b> Knowledge - लोककथा - बुद्धि बड़ी या पैसा , कहानी -कितनी ज़मीन ,संस्मरण -कश्मीरी सेब व्याकरण - कारक,वाक्य के भेद,लिंग,वचन,उपसर्ग,प्रत्यय Concept - कहानी के तत्व -देश, काल , पात्र , वातावरण, भाषाशैली Skills - विश्लेषण द्वारा लेखन , निबंध लेखन , निष्कर्षात्मक लेखन			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Criterion- B,C & D (Home task)	लोककथा - बुद्धि बड़ी या पैसा , कहानी -कितनी ज़मीन ,संस्मरण -कश्मीरी सेब , निबंध लेखन , निष्कर्षात्मक लेखन	16.01.19	30.01.19
<b>Unit 4: हास्य-व्यंग्य</b>		<b>Duration: Feb. - March</b>	
<b>Contents:</b> knowledge - हास्य कथा - साइकिल की सवारी , हास्य कविता - भारतीय रेल की जनरल बोगी , मोटूराम , व्यंग्य - अतिथि तुम कब जाओगे , हास्य कविता - शवयात्रा (वीडियो ) व्याकरण-वर्ण-विच्छेद, विराम-चिह्न,तत्सम,तद्भव,विदेशी शब्द, मुहावरे Concept -हास्य कथा के तत्व - देश,काल , वातावरण, पात्र एवं चरित्र ,शैली, भाषा , कविता प्रस्तुतिकरण - भाषा एवं शैली , मुहावरे का प्रयोग , तुलना -समानताएँ एवं असमानताएँ Skills - अनुच्छेद लेखन , पत्र-लेखन-औपचारिक पत्र ,कविता प्रस्तुतीकरण , सारांश लेखन			
<b>Summative assessments:</b>			
<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Criterion- A	हास्य कथा - साइकिल की सवारी , हास्य कविता - भारतीय रेल की जनरल बोगी , मोटूराम , व्यंग्य - अतिथि तुम	18.3.19	18.3.19

	कब जाओगे , हास्य कविता - शवयात्रा (वीडियो ) तुलना -समानताएँ एवं असमानताएँ , अनुच्छेद लेखन, कविता प्रस्तुतीकरण , सारांश लेखन		
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## French

Unit 1: Les Salutations		Duration: July- September(Mid)	
<p><b>Contents:</b></p> <p><b>Knowledge</b> Recognizing and understanding the meanings and significance of various greetings.(Les salutations) Interpreting the concept of gender. (L'introduction au masculin et féminin) Identifying various family relations. (Ma famille) Synthesizing various basic and apparent facts about oneself. (Presentez-vous)</p> <p><b>Skills</b> Developing ability to identify alphabets (Les alphabets) Meaning of pronouns. (Les pronoms sujets) Analyzing various linguistic elements and structures while studying various common nouns and vocabulary.(Les noms/vocabulaire) Analyzing various linguistic elements and structures while studying various nouns related to family.(Les noms de la famille) Developing ability to identify numbers (Les chiffres)</p> <p><b>Concepts</b> Understanding the meaning and the correct usage of two basic verbs ;être and avoir.(Les verbes : être et avoir) Evaluating the usage of articles, adjectives, possessive adjectives and prepositions. (Les articles, Les adjectifs,Les adjectifs possessifs, Les prépositions et les prépositions de lieu)</p>			
<b>Summative assessments</b>			
Criteria / task	Course content	Date of assignment	Date of submission
A	Questions related to a video clip on the topic 'Ma	17.09. 2018	17.09 2018

	famille / Presentez-vous'.		
B	Reading Comprehension	18.09 2018	18.09. 2018
C & D	Describe an image, answer the questions related to the image and speak on a given topic 'Ma famille / Presentez-vous' <b>Oral presentation</b>	19.09.2018 20.09. 2018 25.09. 2018 26.09. 2018	19.09. 2018 20.09. 2018 25.09, 2018 26.09. 2018
<b>Unit 2: De nos jours</b>		<b>Duration: September(Mid)-November</b>	
<p><b>Contents: Knowledge</b>  Synthesizing various basic and apparent facts to describe 'What you do to help at home?' (Qu'est vous faites pour aider à la maison?)  Recognizing and understanding the meanings and significance of various seasons. (Les saisons)  Identifying animals (Les animaux)  Identifying pets (Les animaux de compagnie)</p> <p><b>Skills</b>  Analyzing various linguistic elements and structures while studying various nouns related to colors, time, days, months. (Les colors, le temps, les jours, les mois)  Analyzing various linguistic elements and structures while speaking about your likes, dislikes and preference. (Parlez sur le topic 'Qu'est vous aimez ou n'aimez pas? ou Qu'est vous préférez ou détestez ?  Analyzing various linguistic elements and structures while writing an informal letter.</p> <p><b>Concepts</b>  Interpreting hobbies(Les loisirs)  Evaluating the usage of Framing questions(Posez des questions)  Recognizing and understanding the meaning of pronoun On (Le pronom "On")</p>			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A, B, C & D	Unit 1 & 2 Questions related to a video clip on seasons, Reading comprehension, Describe	Term I Exams	Term I Exams

	an image, answer the questions related to the image and writing skills.		
<b>II Term</b>			
<b>Unit 3: Au College</b>		<b>Duration: December- February(Mid)</b>	
<p><b>Contents:</b></p> <p><b>Knowledge</b>  Synthesizing various basic and apparent facts about subjects. (Les metiers)  Evaluating for or against school uniform. (Pour ou contre l'uniform scolaire.)  Interpreting on the topic 'What do we do in school?' (Qu'est-ce que nous faisons au college ?)</p> <p><b>Skills</b>  Analyzing various linguistic elements and structures while studying various common nouns and vocabulary related to the class. (La vocabulaire de la classe)  Analyzing various linguistic elements and structures while studying various common nouns and vocabulary related to rooms. (Les salles)</p> <p><b>Concepts</b>  Construct meaning of Rules in the school. (Des regles au college)  Construct meaning and write a message. (Écrivez un message.)  Construct meaning while describing your school.(Decrivez votre ecole)</p>			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A	Questions related to a video clip on school.	11.02. 2019	11.02. 2019
B	Reading comprehension	12.02. 2019	12.02. 2019
C & D	Describe an image, answer the following questions related to the image and speak on a given topic. <b>Oral presentation</b>	13.02. 2019 February 14, 2019 February 15, 2019 February 16, 2019	February 13, 2019 February 14, 2019 February 15, 2019 February 16, 2019



<b>Unit 4: La France</b>		<b>Duration: February(Mid)-April(Mid)</b>	
<p><b>Contents:</b></p> <p><b>Knowledge</b>  Identifying various monuments in France. (Les monuments de France)  Identifying Culture of France (La culture de la France)  Synthesizing various basic and apparent facts about the food of France. (La nourriture en France)</p> <p><b>Skills</b>  Analyzing various linguistic elements and structures while studying various French festivals. (Les fêtes françaises)</p> <p><b>Concepts</b>  Recognizing and understanding the meaning of pronouns and verbs.  Recognizing and understanding the meaning of articles:  Definite Indefinite, Partitive and Contracted articles. (Les articles définis, indéfinis, partitifs et contractés)  Recognizing and understanding the meaning of negation and interrogation.  Understanding the meaning and the correct usage of a verb and two verbs consecutively. (Utilisez un et deux verbes dans une phrase.)</p>			
<b>Summative assessments:</b>			
<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A, B, C & D	Unit 3 & 4 Questions related to a video clip on school. Reading comprehension Describe an image and answer the questions related to the image. Writing skills: Paragraph writing and Letter writing	Term II Exams	Term II Exams

## Mathematics

<b>Unit 1: Number System(I) KNOWING NUMBERS</b>		<b>Duration: JULY- AUG 2018</b>	
<b>Contents: NUMBER SYSTEM, FACTORS AND MULTIPLES</b>			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Crit A - Pen Paper Test.	Knowing numbers (i) Number System (ii) Factors and Multiples Forms & representation (i) Integers (ii) Fractions (iii) Decimals	13-08-2018	13-08-2018
Crit B - Pen Paper Test	Number System	24-08-2018	24-08-2018
CRIT C & D HOME TASK IDU- (I&S + MATH)	(i) Previous Knowledge of representation of information in Tables, Bar Graphs, Pie charts. (ii) Number System (Present Year)	27-08-2018	15-09-2018
<b>Unit 2: Number System(II) FORMS &amp; REPRESENTATIONS</b>		<b>Duration: AUG-OCT 2018</b>	
<b>Contents:</b>			
<b>1. Integers</b> Representation of Integers on Number Line, Ordering of Integers , Operations on Integers.			
<b>2. Fractions</b> Representation of a Fraction on a Number Line , Proper and Improper/Mixed fractions ,			

Basic operation of Fractions ,Simplification (BODMAS)

### 3. Decimals

Tenths, Hundredths , Thousandths,

Comparing Decimal Numbers

Converting a Fraction into Decimals and vice-versa, Addition and Subtraction of Decimals.

#### Summative assessments:

Criteria / task	Course content	Date of assignment	Date of submission
A, B,C, D	Unit 1 & 2 ( Full syllabus)	Term End	Same Day

#### II Term

#### Unit 3: Algebra

Duration: OCT-NOV 2018

Contents: 1. Algebraic Expressions 2. Linear Equations

#### Summative assessments:

Criteria / task	Course content	Date of assignment	Date of submission
Crit A- Pen Paper Test.	<b>Algebra-</b> Algebraic Expression (Basic operations and application Linear Equations (Framing equations, Finding solutions and verifying, Applications.	19-12-2018	19-12-2018

#### Unit 4: Geometry

Duration: DEC'18 - FEB'19

Contents: Basic Geometry, Angles, Polygons, Area and Perimeter, Symmetry, Construction.

#### Summative assessments:

Criterion/ task	Course content	Date of assignment	Date of submission
Crit A -Pen Paper Test	<b>Basic Geometry ( Key words)</b> Basic Concepts, <b>Parallel Lines</b> Explaining Parallel Lines and	06-02-2019	06-02-2019

	<p>Transversal Lines</p> <p><b>Angles and Their Measurement</b> Types of angles, Measurement Identifying Special Pairs of Angles Demonstrating the construction of angles with the help of a protractor</p> <p><b>Polygons(Triangles)</b> Properties of triangles. Interior and Exterior Points of Triangle Identifying Triangle on the Basis of their Lengths of their sides. Identifying Triangles According to the measure of their angles.</p> <p><b>Quadrilaterals</b> - 2D Shapes, Identifying rectangle, square, parallelogram, Kite, rhombus. Three Dimensional Shapes Identifying different 3-D shapes (Cuboids, Cubes, Cylinders, Cones, Spheres, Pyramids, Triangular Prism)</p> <p><b>Symmetry (Basics)</b> <b>Area and Perimeter</b> <b>Finding</b>, Area and Perimeter (Triangle, rectangle, Square and circles)                   <b>Construction</b> - Constructing perpendicular bisector, Angle Bisector, Triangles, square and rectangles.</p>		
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<b>Unit 5: Statistics</b>	<b>Duration: March 2019</b>
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<p><b>Contents: Simple Statistics</b> 1.2 Organizing and Arranging Data (Frequency Table) 1.3 Representation of data: Pictograph, Bar Graph and Pie charts. 1.4 Calculation of Arithmetic Mean, Median and Mode.</p>
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<b>Summative assessments:</b>
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<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Year End Exam Crit A,B,C, D	Unit 4 and 5 ( Full content)	Term End	Same Day
<b>Unit 3: IDU - VA and Math</b>		<b>Duration: February 2019 to March 2019</b>	
<b>Contents: Geometry- Area and Perimeter, Construction, Symmetry</b>			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
IDU - ( VA + Math) Crit B,C,D	<b>Geometry- Area and Perimeter, Construction, Symmetry</b>	15-03-2019	26-03-2019

### Individuals and Societies

<b>Unit 1: The World we live in (Geography &amp; History)</b>	<b>Duration : 2 months July to Sept</b>
<b>Contents:</b> <ul style="list-style-type: none"> <li>• Physical geography, human geography &amp; environmental geography locating place</li> <li>• Identify places using an atlas.</li> </ul>	

- Investigate various graphs in geography .
- Summarize the value and use of geography.

**Map skills:**

- Locating places on the globe.
- Map reading, types of maps, learning the language of maps, key elements of maps.(Continent & Oceans)
- How are the directions on the maps determined?
- Latest innovations-GPS-geo positioning systems, map scale
- Understanding -Latitudes and Longitudes on the earth Importance of Parallels of the latitude.-Heat zones Temperate zone, torrid zone, and frigid zone., the conditions for human survival in various heat zones. motion of the Earth, Standard time and time zone, International date line.
- Physical maps and its representation (importance of maps, conventional symbols and colours.)

**Major Realms of the Earth:**

- Sketch the realms of the earth.
- Interpret how the major realms are interconnected
- Explore the Arctic Ocean have cold waters while the Indian Oceans has warm waters.
- Discuss atmosphere act as a blanket around the earth Our country India-Sub continent (Asia and Africa)
- Natural Resources and wildlife.
- Climate and Continents.

**History:**

- How has the geography of India shaped its History. Applying geography to interpret the past
- Timeline -Division of time and periods
- Identify Primary sources & Secondary Sources
- Discuss and compare & contrast various civilization-Egyptian civilization, Chinese Civilization and Indus valley civilization: The life of Hunters to farmers.)
- Investigate the past origin, organization development (Egypt, Chinese and Indus civilization)-
- Why did Paleolithic humans travel from one place to another -
- Describe and explore: Diversity, discrimination.

**Summative assessments:**

Criteria / task	Course content	Date of assignment	Date of submission
A,B,C,D	All the above mentioned of Unit 1	27th July 2018	9th August 2018
<b>Unit -1 IDU (Mathematics and I &amp; S)</b>		<b>Duration :18 days</b>	

**Contents:**

Unit -1

**Geography**

1. Physical geography, map work locating  
 1..Importance and use of geography, directions on the map ,Continent & Oceans.(Deeper Understanding of Asia as continent and Our country India as a Sub-continent), Natural Resources and wildlife,

**Climate**

2. Latitudes and Longitudes on the earth, importance of Parallels of the latitude.  
 3.. Heat zones Temperate zone, torrid zone, and frigid zone.  
 4.. The conditions for human survival in various heat zones.  
 5..Major Realms of the Earth

**Summative assessments:**

Criteria/Task	Course Content	Date of assignment	Date of submission
Cri. C&D(Math) HOME TASK I &S- Cri. A,B,C	(i) Previous year Knowledge of representation of information in Tables, Bar Graphs,Pie charts. (ii) Number System (Present Year) Physical geography of the choosen continent, maps, oceans, natural resources, history & wildlife conservation and latest research	27-08-2018	15-09-2018

**Unit 2: Citizenship : Forms of Government and Working of political parties.**

**Duration: Sept -Nov**

**Contents:**

- The forms of government in India and world.
- Major reasons for democracy to be the most popular.
- The basis of modern democracy Working of the Local self-government.
- Similarities and differences between state government and Central government
- Functions of the Government Various organs of the government:
- Legislature, Executive, and Judiciary.

- The role of government in resolving the conflict between states.
- Fundamental rights -Rights and Duties of citizens.
- Needs of an electoral system.
- Power and functions of the political parties in India.

**Summative assessments:**

Criteria / task	Course content	Date of assignment	Date of submission
A,B,C,D	<p><b>Unit -2</b>  <b>Citizenship : Forms of Government and Working of political parties</b></p> <p>1.The forms of government in India and world.            2.Major reasons for democracy to be the most popular.            3.Similarities and differences between state government and Central government            4.Functions of the Government Various organs of the government:            5.Legislature, Executive, and Judiciary.            6..Needs of an electoral system.            7..Power and functions of the political parties in India.</p>	10.09.2018	28.09.2018
A,B,C,D	Complete Unit 1 & 2 I & S part of IDU unit is included in (I- Term End examination)	Term End examination	

**II Term**

**Unit 3: Sustainability and Diversity**  
**Economics and business, need and want, working of a business**

**Duration:**  
**Dec 2018 –Feb-19**

**Content:**

- Discuss how does an economy works
- Interpret the reasons for the problem of scarcity.
- Explain needs and wants.
- Describe supplying and buying
- Define types of resources –natural resources, human resources, Human resources and managerial resources.



- Investigate: Human work force. Capital resources, consumer goods and capital goods.
- Explore and explain: Three basic questions of an economy.
- Document- Sharing of natural resources.
- Is there enough for all?
- Justify -Sustainable use of resources

**Summative assessments:**

<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A,B,C,D	<ul style="list-style-type: none"> <li>● All the above</li> </ul>	11.12.2018	29.01.2019

**Unit 4: Resources and Sharing  
Working of the Business**

**Duration:  
February to April'19**

**Content:**

- Explain working of a business. and its contribution to an economy.
- Basic feature of a business to operate and earn profit
- Discuss the goals of a business.
- Factors that influence the choice for a consumer.
- Justify the contribution of a business to an economy
- Analyse the role and influence of the business.
- Interpret the influence of mass media on consumers life.
- Interpret : Ethics of business
- Investigate & justify -Sustainable use of resources.

**Summative assessments:**

<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
A,B,C,D	All the above	28.01.2019	18.02 2019
A,B,C,D	Term End Examination	22.04.2019	26.04.2019

## Science- MYP 1

Unit 1: Life on Earth		Duration: July to September 1st week (10 weeks)	
<p><b>Contents:</b> Unit 1</p> <p>State and describe characteristics of living things, Differentiate between living and nonliving things, Differentiate between plants and animals, State your understanding about Adaptation and its importance.</p> <p>Levels of organization in living world; Cell as the basic unit of life; Structure of cell and function of a cell organelles (plant and animal)</p> <p>State classification of living organisms on the basis of their form and function Classification and its need.</p> <p>Describe structure and function of plant parts and their modification (roots, stems, leaves and flowers).</p> <p>Describe different parts of a typical flower, Explain pollination, fertilization and dispersal of seeds, Explain Types of pollination, Define fertilization and Formation of fruit.</p> <p>Discuss Health and hygiene with emphasis on the Factors affecting maintenance of good health, Enumerate ways in which you can maintain cleanliness in the surrounding, Enlist the modes of pollution, Enlist the factors that support disease spread.</p>			
<b>Summative assessments:</b>			
Criteria / task	Course content	Date of assignment	Date of submission
Criterion B & C (Investigating the rate of growth of plants)	State and describe characteristics of living things. Differentiate between living and nonliving things. Differentiate between plants and animals. State your understanding about Adaptation and its importance.	16.07.2018 (Setting up of experiment)	16 & 17 August 2018
Criterion D	Human interference in the living world that hinders fair development of living organisms	23.07.2018	21.08.2016

Criterion A	All topics	11.09. 2018	11.09. 2018
<b>Unit 2: Our environment</b>		<b>Duration: September 3 weeks +October</b>	
<p><b>Contents:Our environment</b></p> <p>Justify Earth is a unique planet in the solar system;  Discuss three important components(biotic, abiotic and cultural),  Draw and explain food chain and food webs; energy chains,  Enumerate useful plant and animal products,  Justify that plants and animals are interdependent.</p> <p>Water</p> <p>Enlist Sources of water,  State importance of water,  Describe methods of purification of water,  Justify that water is a universal solvent,  Discuss causes of water pollution,  Discuss methods of reduing/preventing water pollution.</p> <p>Air-</p> <p>Explain the fact that air is a mixture of gases,  State the importance of air  Discuss about the presence of Oxygen in air and its importance  Explain rusting.</p> <p>Soil-</p> <p>Describe Types of soil,  Discuss formation of fossils(basic) and fossil fuels;  Identify the alternatives being used to reduce pollution caused by burning coal.</p>			
<b>Summative assessments:</b>			
<b>Criteria / task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Criterion D	Our environment	16.10.2018	29.10.2018
<b>II Term</b>			

Unit 3 : Physics in our life		Duration: Nov to Jan	
<p>Contents:</p> <p>Measure length, mass, density, area and volume, time and temperature Measure average. Measuring- Using appropriate instruments and techniques to collect and record data on length, mass, volume, time, area and temperature.</p> <p>Define forces. Discuss effects of forces. Explain types of forces. Describe and explain relationships between force and pressure using simplified, mathematical or diagrammatic representation and produce a model to discuss of laws of motion (not discussed in the content). Explain friction with the help of examples Establish relation between pressure and force (real life examples). Different forms of energy and interchangeability, Energy chains. Define Work done(real life examples), Define Simple machines and explain the principle on which it works. Work-energy relationship;units of work, Enlist Magnetic and non magnetic materials, State properties of bar magnet, Discuss the method of making magnet/making electromagnet, uses of magnet</p>			
<b>Summative assessments:</b>			
Criteria / task	Course content	Date of assignment	Date of submission
Criteria B & C	Factors affecting motion of a body	12.12.2018th December 2018	13th December 2018
Criterion A	All topics	15th January 2019 27th Feb. 2019	15th January 2019 27th Feb. 2019
Criterion D	(1) Friction: Friend or foe (2) Impact of machines in human life	5th January 2019 8th january 2019	18th January 2019 18th January 2019
Unit 4: Matter		Duration: Feb. 2019 – April 2019 : 2nd week (7 weeks)	
<b>Contents:</b> Describe Matter and characteristics Discuss States of matter with examples Define			

Diffusion and discuss its application State the changes in states of matter  
 Define Elements and compounds with examples Represent elements and compounds with the help of 'Chemical symbols' and 'chemical formula'  
 Differentiate between Pure and Mixed substances  
 Discuss types of mixtures, Classify mixtures Enumerate characteristics of mixtures and compounds, Name and explain methods of Separation of mixtures(basic Methods)  
 Discuss Changes around us-Types of changes(reversible & irreversible/periodic & non-periodic/physical & chemical/ Desirable & non-desirable), Describe Characteristics of changes,State conditions affecting evaporation and sublimation (examples).

**Summative assessments:**

<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
Criterion D	Atom and atomic energy	4th Feb 2019	5th March 2019
Criterion A	AI topics	1st March 2019	1st March 2019

## DESIGN

Term I			
<b>Unit 1 : Digital Citizenship</b>		<b>Duration: 9 Weeks</b>	
<p><b>Contents:</b>  <b>Knowledge :</b>            Ethical use of technology, Say No to Cyberbullying, Follow Netiquette, Social Media, Copyright, .</p> <p><b>Concept:</b>            Nine elements of Digital Citizenship., Plagiarism, Case Studies</p> <p><b>Skills:</b>            Creating a video on iMovie ; Starting a New Project; Creating a Rough Cut; Editing Video Inserting Images and Applying the Ken Burns Effect; Adding and Editing Audio; Finalising the Rough Cut; Adding Transitions; Adding Titles, Adding Chapter Markers; Exporting Video</p>			
<b>Summative assessments:</b>			
Criterion/ task	Course content	Date of assignment	Date of submission
ABCD	Entire Content of Unit 1	July 18, 2018	Sep 1, 2018
<b>Unit 2: Extreme Makeover</b>		<b>Duration : 8 Weeks</b>	
<p><b>Contents:</b>  <b>Knowledge :</b> Introduction of Architectural design            Benefits and Limitations of Architectural Design</p> <p><b>Concept :</b>            Elements of Architectural Designing</p> <p><b>Skills :</b>            Installing App            Moving the model around,Creating sweeps and revolves,Learn how to draw, design, and animate ideas,Defining the site boundary,Building a massing model,Adding walls, doors, and windows,Adding the roof,Creating stairs with a handrail            Adding texture to models and Evaluate an appropriate product/solution to satisfy the problem.</p>			

<b>Summative assessments:</b>			
<b>Criterion/ task</b>	<b>Course content</b>	<b>Date of assignment</b>	<b>Date of submission</b>
ABCD	Entire Content of Unit 2	Sep 27, 2018	Nov 2, 2018
<b>Term II</b>			
<b>Unit 3: Animation</b>		<b>Duration : 8 Weeks</b>	
<p><b>Contents:</b></p> <p><b>Knowledge :</b> Introduction to animation Impact of Animation on the audience</p> <p><b>Concept :</b>Types of Animation,principles of Animation</p> <p><b>Skills :</b>Creating animation using animation programme to develop basic animations, using keyframes, a timeline, frame rates, motion tweens.Present learning via digital media</p>			
<b>Summative Assessments:</b>			
<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of Assignment</b>	<b>Date of Submission</b>
ABCD	Entire Content of Unit 3	Dec 10, 2018	Jan 31, 2019
<b>Unit 4 : Data Handling</b>		<b>Duration : 9 Weeks</b>	
<p><b>Contents: Knowledge:</b> Introduction to Excel/Spreadsheets,benefits of Spreadsheet, Limitations of Spreadsheet</p> <p><b>Concept:</b> Using different Formulae,analysing Data</p> <p><b>Skills:</b> Design and presenting a spreadsheet. understand charting terminology, select appropriate chart types for a specific set of data create basic chart types, including column, pie, line, XY Scatter, and bar charts,add a trendline and equation to the XY Scatter chart,apply custom formats to charts and chart elements, save and apply a chart template, add shapes and SmartArt graphics to charts,apply themes to charts,Insert Excel charts into a PowerPoint presentation.</p>			
<b>Summative Assessments:</b>			
<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of</b>	<b>Date of</b>

		<b>Assignment</b>	<b>Submission</b>
ABCD	Entire Content of Unit 4	Feb 25, 2019	April 5, 2019

## ARTS

<b>Unit 1: Transformation of music (Folk to Classical)</b>		<b>Duration: July to 15th Sep.</b>	
<p><b>Contents-</b></p> <p>Review &amp; Revision of music elements and performing skills</p> <ul style="list-style-type: none"> <li>· Voice Modulation and Ear Training</li> <li>· National songs and school prayers and Ganesh Vandana</li> <li>· A brief idea about Folk music and its journey to present days</li> <li>· The role of folk music in people's life, Practice and performance of some popular Folk songs/beats</li> <li>· Read, write, and perform Traditional musical notations</li> <li>· Defining—Raag, Thaata &amp; Taal</li> <li>· Swamalika— Bilawal Thaata and its popular raags</li> <li>· Bandish (drut) based on any one of Bilawal Thaata</li> <li>· Introduction of "TARANA"</li> <li>· Taalmala--- Basic fundamental of Tabla &amp; taal</li> <li>· Clapping arrangement of Dadra Taal</li> <li>· Performance of Rupak taal-- Compose, improvise, and perform basic rhythmic, and melodic patterns independently in classroom instrument</li> <li>· Record initial thoughts and developments, brainstorming, possible lines of inquiry and further questions raised during searching/practise/composing music.</li> <li>· Development throughout the project.</li> <li>· Identify how Indian musicians compose music, using classical raag &amp; taal.</li> <li>· Compose, improvise, and perform basic rhythmic, and melodic patterns independently on classroom instrument</li> </ul> <p>Contribution (Transformation) of folk music to classical music.</p>			
<b>Summative Assessments:</b>			
<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of Assignment</b>	<b>Date of Submission</b>
<b>A &amp; D(All Strands)</b>	Folk music chapter	4th Sep.	14th Sep.
<b>B &amp; C(All Strands)</b>	Music performing & Process journal	4th Sep.	14th Sep.



<b>Unit : DANCE (Let's' Dance together!!)</b>		<b>Duration: 17th Sep to 21st Dec '18</b>	
<p><b>Contents:</b> Concept of Partner Dances, How partner dance have evolved through eras, Structure of couple dances. Basic moves of Partner dances. Concept of Classical Dances/ How this dance have evolved through eras. Structure of classical dances. Basic moves of this dances. Generate Original Choreography. Choreograph a Structured Composition.</p>			
<b>Summative Assessments:</b>			
<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of Assignment</b>	<b>Date of Submission</b>
Criterion A & D (all strands)	Concept of dance Origin of dance and different styles Development of dance styles through ages Introduction to couple dance styles Types of couple dances Terminology used in different dance forms	1st December	Same Day
Criterion B and C (all strands)	Choreographing Folk dance and developing the process of choreography. Choreographing partner d/couple dance style and developing the process of choreography.	1st December	10th December 2018
<b>II Term</b>			
<b>Unit : Visual Arts e - Elements of arts</b>		<b>Duration: 2nd Jan to 30th March 2019</b>	
<p><b>Contents:</b>            Knowledge            · Colour Theory, Elements of art. Introduction to Warli art            Skill: Colour Wheel and Implementation of colour theory through geometrical designs. Name plate designing and mask designing. Series of sketches of warli figures and elements of warli art. Creative composition of Warli art</p>			

Concept Concept of folk art .Concept of color

**Summative Assessments:**

<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of Assignment</b>	<b>Date of Submission</b>
Criteria - A,B,C and D(All strands)	Knowledge Colour Theory, Elements of art Introduction to Warli art skill Colour Wheel and Implementation of colour theory through geometrical designs. Name plate designing and mask designing. Series of sketches of warli figures and elements of warli art. Creative composition of Warli art <b>Concept</b> Concept of folk art, Concept of color	20th March 2019	30th March 2019

## Physical and Health Education

<b>Unit : Team game (basketball)</b>		<b>Duration: Duration: Jul-Aug-Sep (10 weeks)</b>	
<p><b>Contents:</b>  <b>Knowledge :</b> Basketball - Rules and Regulation of basketball. Dimension of basketball court.  <b>Skills :</b> Dribbling: V shape,Cross over &amp; reverse.Shooting - Layups shot, Jump shot, Free throw or foul shot. Passing - Chest, Bounce &amp; Overhead pass. Specific skills, techniques, movement concepts and strategies to be taught–rebounding, close range shooting, creating space, playing with back to the basket, wall pass, give and go, pick and roll, game sense, positional play.  <b>Concepts :</b> Basic movement of offense and defense. Introduction to attacking and defending strategies–zone, ‘man-to-man’ defence.Footwork and body positioning.</p>			
<b>Summative Assessments:</b>			
<b>Criterion / Task</b>	<b>Course Content</b>	<b>Date of Assignment</b>	<b>Date of Submission</b>
A	All the unit contents	17 August 2018	23 August 2018
C, D	Skills: dribbling, passing, shooting, rebounding, footwork, defensive and offensive. Position during game play	18 August 2018	30 August 2018
<b>Unit :2 YOGA</b>		<b>Duration: Duration: Sep-Oct (8 weeks)</b>	
<p><b>Contents</b>  <b>Knowledge:</b> Yoga for health and wellness, Important of yoga in sport,Benefit yoga.  <b>Skills:</b> "Yogaasan - Relaxing excercise,bhujangasan,vajrasan,rabbit pose,tadasan,dhanurasan,sukhasan,padamasan,naukasan  Pranayama - bhramari pranayama,breathing technique (inhale and exhale)"  <b>Concepts:</b> Relationship of mind, soul and body system.</p>			
<b>Summative Assessments:</b>			

Criterion / Task	Course Content	Date of Assignment	Date of Submission
B,C	All unit contents	10.10.2018	17.10. 2018
<b>Unit : 3 Invasion Games (II term)</b>		<b>Duration: Duration: Nov-Dec (10 weeks)</b>	
<p><b>Contents:</b>  <b>Knowledge</b> - Basic rules of games,  <b>Skills</b> - Passing,dribbling,throwing,kicking,hitting,receiving,vertical and horizontal batting ,medium pace and spin bowling  Concepts - Strategies,movement concepts,positioning and scoring to be taught from different invasion games.10 pass,dodgeball,seven a side football.</p>			
<b>Summative Assessments:</b>			
Criterion / Task	Course Content	Date of Assignment	Date of Submission
C, D	All the unit contents	14.12 2018	21.12.2018
<b>II Term</b>			
<b>Unit : Self Defense (Karate)</b>		<b>Duration: Jan-Feb-Mar (10 weeks)</b>	
<p><b>Contents:</b>  <b>Knowledge</b> : Important of healthy life style,basic diet and nutrition, health related and skills related fitness. Own body strength (push up, lunges, plank hold, squat, crunches)  <b>Skills</b> : Karate - Punches (upper,middle and lower ),Kicking - Mai gary,Youko gary,urvashi grey ,Counter attack technique,Self defense technique.  <b>Concepts:</b> Knowledge is power ,stay connected to personal defense network for the latest in personal safety and self defense concepts.The ability to effectively act in defense of oneself or others goes beyond a single skill or technique.</p>			
<b>Summative Assessments:</b>			
Criterion / Task	Course Content	Date of Assignment	Date of Submission
A	Nutrition and basic diet, important of healthy lifestyle, health and Skills related fitness and muscular strength	19 March 2018	22 March 2019

B,C	All the unit contents	19 March 2019	28 March 2019
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