

English Syllabus for Class VI Session 2022

English Language

Mid -TERM

1.	Kinds of Sentences
2.	Present Simple, Continuous, Perfect
3.	Past simple, Continuous
4.	Paragraph Writing
5.	Picture composition
6.	Preposition

FINAL -TERM

1. Prepositions
2. Active/Passive Voice
3. Direct/Indirect Speech
4. Subject-Verb Agreement
5. Paragraph Writing
6. Comprehension

English Literature Syllabus

Mid -TERM

1.	Mowgli in Trouble
2.	Covid 19
3.	India At Play
4.	Today I wrote A poem
5.	The Song From Heaven

FINAL -TERM

1. The Diamond Necklace
2. A Child's Thought
3. A Handful of Salt
4. I Cannot Remember My Mother
5. No Room for a Leopard

History and Civics (Final term Syllabus)

1.	THE GREAT PREACHERS
2.	RISE OF KINGDOMS AND REPUBLICS
3.	THE AGE OF THE MAURYAS
4.	THE AGE OF THE GUPTAS
5.	RURAL LOCAL SELF GOVERNMENT

SYLLABUS FOR THE YEAR 2022

SUBJECT: COMPUTER

CLASS: 6

MID TERM			
SL NO	CHAPTER	TOPICS	
1	1 CATEGORIES OF COMPUTERS AND COMPUTER LANGUAGES	Classification of computers, Computer language, Evolution of computer languages and their features, Features of computer language, Different computer languages, Translator and its types, Working of translators Practical: PPT assignment on generation of computers	
2	2 FILE MANAGEMENT - ORGANIZATION OF DATA	Transfer of data from one device to another, working with multiple applications, searching files using wildcard characters, various file formats for image file, audio file and video file Practical: Students will transfer data from one device to another, from one drive to another, perform search using wildcards, scan and fix a pen drive	
3	3 WORD PROCESSOR - TABULAR PRESENTATION	Defining a table, creating and editing tables, inserting and deleting rows and columns, entering data, changing row height and column width, splitting and merging cells, applying borders and shading, resizing tables, aligning text Practical: Students will create table in word and apply the effects learnt on the chapter	
4	4 WORD PROCESSOR - MAIL MERGE	Reviewing a document, working on a reviewed document, mail merge and its advantages, components of mail merge, steps to be followed during mail merge, printing merged letters Practical: Students will create a mail merge doc to invite their friends for a birthday party	
5	5 PRESENTATION - VISUAL EFFECTS I	Slide views, applying a theme, applying transitions, applying animations, guidelines for creating presentations Practical: Students will create a PPT using the above features and effects	
SL NO	CHAPTER	TOPICS	
1	6 PRESENTATION - VISUAL EFFECTS II	Importing data from other applications, creating photo album, inserting audio/video, adding caption, action buttons, setting a slide show, saving a ppt Practical: Students will create a ppt to apply the above effects	
2	7 SCRATCH PROGRAMMING	Working with blocks, sprites, creating sprite, changing color of sprite, working with multiple sprites, changing background of stage Practical: Students will be taught to create simple games using scratch programming	
3	8	HTML features, structure of HTML, HTML editor, HTML tags and	

	HTML- AN INTRODUCTION	attributes, creating, saving and viewing an HTML document Practical: Students will create simple HTML documents and run it on a browser	
4	9 INTERNET-ONLINE SURFING I	Email, Concept of URL, advantages of email, create and use an email account, adding contacts, sending an email, reading, replying and forwarding email Practical: Students will create an email account and send and receive emails	
5	10 INTERNET-ONLINE SURFING II	Google Apps, Storing and sharing data on google drive, e-commerce, creating blogs, podcast , difference between website & blog Practical: Students will share files through google drive with their classmates	

CLASS 6 GEOGRAPHY SYLLABUS 2022

MID- TERM

1. REPRESENTATION OF GEOGRAPHICAL FEATURES
2. LANDFORMS OF THE EARTH
3. WATER BODIES
4. AGRICULTURE
5. MINERALS

FINAL -TERM

1. FORMATION OF COAL AND PETROLEUM
2. NORTH AMERICA -LOCATION AND PHYSICAL FEATURES
3. CASE STUDY-LUMBERING IN CANADA
4. SOUTH AMERICA-LOCATION AND PHYSICAL FEATURES
5. Case Study-Life in the Amazon River Basin

Syllabus For Class : 6 2022

Class: 6 (A, B, C)

Subjects: Mathematics

1. Number System: Place Value, Chart, Face Value, Successor, Predecessor, Conversion of units, Estimation.
2. Natural Numbers and Whole Numbers: Number Line (Draw and Plot Points and to Find the Distance between the Points) Properties of Operations an Whole numbers.
3. Integers: Number line, Absolute Value, Comparing and Ordering Integers, Addition, Subtraction, Multiplication and Division of Integers, Simplification of Expression (BODMAS)
4. Playing with Numbers: Prime and Composite Numbers, Factors and Multiple, Co –Prime, Even and Odd Numbers, Twin Prime Numbers, Perfect numbers, Divisibility rule, Prime Factorization by Division Method, HCF (Prime Factorization and division) LCM (Prime Factorization Method) Relation between HCF and LCM.
5. Fractions: Equivalent Fractions, Reducing Fractions to Lowest terms, Comparing Fractions, Addition, Subtraction, Multiplication and Division of Fractions, Like and Unlike Fractions, Representation of Fractions on Number Line.
6. Decimals: Decimal Place Value Chart, Comparison of Decimals, Conversion, Representation of Decimals, Operations an decimals.
7. Powers and Roots: Meaning of Powers/ Exponents/ Indices, Difference between Base and Exponents, Laws of Exponents, Squares and Squares roots (Division), Cubes and Cube roots.
9. Ratio and Proportion: Meaning of Ratio and Proportion, Difference between a Fraction and Ratio, Equivalent ratio, Simplest form of Ratios, Comparison of Ratios, Splitting of Quantity of Ratio. Proportion (First, 2nd, 3rd, and 4th Proportional) Extremes and Means, Unitary Method, Speed Distance and Time (Conversion of M/S to KM/H and Vice Versa).
10. Percentage: Conversion of Percentage, Working with Percentages Increase or Decrease in Percentage.
11. Introduction to Algebra: Meaning of Constants Variables, Terms, Expressions, Equations, Substitution, Addition, Subtraction (Horizontal).
13. Fundamental Concepts of Geometry: Basic Geometrical Terms, Angles Curves (Difference between Curves and Straight lines) Polygons, Triangles, Quadrilaterals, Circles (Diameter, Radius, Chord, Arc, Segments, Sector) Area and Circumference of a Circle Formula meaning of Pie and its Value.
14. Basic Geometrical Ideas: Types of Lines, Measuring Angles, (Using Protractor) Types of Angles, Special Pairs of Angles.
15. Triangles (According to thin Sides, and Measurement of Angles) Proportion of Triangles, Quadrilaterals (Types, and Properties)
16. Constructions: Bisection of Lines and Angles and the Perpendicular Bisector of a Line Segment by using Compass.
17. Mensuration: Perimeter and Area of Plane Figures, Surface Area and Volume, of Cubes and Cuboids.

KHASI 2nd LANGUAGE
CLASS 6 MID TERM SYLLABUS 2022

PROSE

1. KI HYNÑIEWTREP – HYNÑIEW SKUM
2. U KWAI, U TYMPEW
3. KA PANDORA

POETRY

1. KA SYNRAI
2. U MAWMIAR
3. SHAPHRANG SAMLA

GRAMMAR

1. KTIEN KYNNOH
2. THAW SENTEN
3. SHORT COMPOSITION
4. COMPREHENSION

CLASS 6 FINAL TERM 2022

PROSE

1. SAROJINI NAIDU
2. SAKUNTALA I
3. SAKUNTALA II

POETRY

1. KA TYRNA
2. KA WAH UMKHRAH
3. KI KHYNNNAH NONGKYNDONG

GRAMMAR

1. KTIEN KYNNOH
2. THAW SENTEN (ARJINGMUT)
3. KI KTIEN BA PYRSHAH JINGMUT (OPPOSITE WORDS)
4. SHORT COMPOSITION
5. COMPREHENSION

ACADEMIC PLANNER HINDI CLASS 6 (2022)**MID TERM**

CHAPTER NUMBER AND NAME	TOPICS TO BE COVERED
1. समय मूल्यवान है	मौखिक-लिखित प्रश्न, अर्थ वांछिणी पंक्तियों का ढूँढना, वर्णव्यंजन, पद्यांशवाची, संज्ञा, प्रत्यय, मुहावरा
2. पाणिनीय हारि	मौखिक-लिखित प्रश्न, कहानी का, दृष्टान्त व्यंजन, वर्णमाला शब्द, पद्यांशवाची, भाववाचक संज्ञा, क्रिया-व्यंजन
3. कवि का चुनाव	मौखिक-लिखित प्रश्न, सही गीत वातय, बहुवचन, उपसर्ग लिपि, विशेषण-व्यंजन
4. मैं हूँ एवरेस्ट	मौखिक-लिखित प्रश्न, रसतत्त्व, वर्ण संयोजन, व्यंजन शब्द, वचन, पद्यांशवाची
5. लिखित वांछिणी	मौखिक-लिखित प्रश्न, अर्थ वांछिणी पंक्तियों का ढूँढना, संयुक्त व्यंजन, शब्द-युग्म, प्रत्यय, संज्ञा शब्दों के लिए विशेषण ढूँढना, वातय प्रयोग
6. मूल्यवत की नदी	मौखिक-लिखित प्रश्न, रसतत्त्व, रसतत्त्व भरण, व्यंजन शब्द, अनुसूचित-अनुसूचित, सवर्ण, क्रिया
व्याकरण	
नववर्ष	
अपठित गद्यांश	
पत्र-लिपि	
CHAPTERS 7, 8 TO BE INCLUDED AS ACTIVITY BASED WORK	

ACADEMIC PLANNER HINDI CLASS 6 (2022)**FINAL TERM**

CHAPTER NUMBER AND NAME	TOPICS TO BE COVERED
10. गंगागङ्गा का सपना	मौखिक-लिखित प्रश्न, सही-गीत वातय, ननु ता का प्रयोग, प्रत्यय, व्यंजन के लिए संज्ञा शब्द, क्रिया व्यंजन
11. इच्छापत्र तथा	मौखिक-लिखित प्रश्न, घटनाक्रम, व्यंजन शब्द, पद्यांशवाची, ननु ता, मुहावरे, वराम-वचन
12. हम हैं	मौखिक-लिखित प्रश्न, कविता की पंक्तियों का पदों की करना, आशय स्पष्ट करना, अनुसूचित-अनुसूचित, पद्यांशवाची, व्यंजन शब्द, समान तुक, व्यंजन-व्यंजन-ज्ञानवाचक संज्ञा
13. शरारत की सजा	मौखिक-लिखित प्रश्न, कसने-कससे कहा, रसतत्त्व, दृष्टान्त एवं संयुक्त व्यंजन, 'र' के रूप, मुहावरे, सवर्ण, क्रिया के भेद
14. अनमोल वचन	मौखिक-लिखित प्रश्न, दोहों की पंक्तियों का सही करना, समान तुक वांछिणी शब्द, शब्दों के अर्थ पद्यांशवाची, अपठित गद्यांश
15. बहू	मौखिक-लिखित प्रश्न, रसतत्त्व, वर्ण व्यंजन, प्रत्यय, वचन, समुच्चयबोधक

16.राप्रगीत	भावपूथ पिन,मौखिक-तिहित एश्न, कवता की पं ततयर्ग, आशय स्पष्ट करना, समान तकु शब्द, पयथ्यवाची, ववपरीत शब्द, तिगं वािे की पहचान
CHAPTER 9 AS ACTIVITY BASED WORK	
GRAMMAR	ननबंध , पत्तिेिन, भाव ग्रहर्, व्य़ाकरर्

CLASS 6 SYLLABUS2022

ART & CRAFT

At the upper primary level, the themes to be dealt with are:

- Form – Create artwork using different lines, shapes and sizes of the objects in the immediate surroundings/environment both natural and manmade using various mediums.
- Colour- Understanding and using the characteristics of colour – hue, tint, shade.
- Texture- Identifying different surfaces; soft, smooth, hard, rough etc. and incorporating different textures in creating artwork.
- Composition- Draw and paint various compositions on themes such as; landscapes, scenery etc. Nature study and still life.
- Tools and techniques- Use of various brushes, exploring 2-D and 3-D methods and materials, such as; drawing, painting, print making (using vegetables and leaves), collage making, paper craft etc.
- Perspective- Create landscape/cityscape and architecture using age-appropriate perspective skills.
- Art vocabulary- Introduction to significant artists through history and art genres such as; Vincent Van Gogh, Pablo Picasso, Henri Matisse etc.

CRAFT: A total of 4/5 craft making exercises using household items and waste materials.

CLASS 6 SYLLABUS – 2022**PHYSICS**

1	<u>CHAPTERS</u>	<u>TOPICS</u>
	Matter (Mid – term)	Composition of matter, meaning characteristics of particles of matter, states of matter, properties of solid, liquid and gas, molecular model of solid liquid and gases, changes in state of matter, activities.
2	Physical Quantities and Measurement (mid- term)	Measurement-its importance and basic physical quantities, convention while writing the SI unit, measurement (meaning) devices for measuring length, measurement of mass, measurement of time, devices for measuring time, measurement of temperature devices used for measurement of temperature, activities.
3	Force (mid- term)	Force (meaning), Effects of force, kinds of forces, force of friction, effects of frictions, kinds of friction, factors affecting kinds of friction, disadvantages of friction, advantages of friction, ways of reducing friction, ways of increasing friction, activities.
4	Simple Machines (Final term)	Meaning, work and Energy, principle of a machine, efficiency of a machine, ideal machine, actual machine, functions of a simple machine, mechanical advantages, levers, Principle of a lever, classes of levers, pulley, mechanical advantage of the pulley, wheel and axle, Inclined plane wedge, screw, care of machines, numericals, activities.
5	Light (Final term)	Meaning, sources of light, Luminous and non-Luminous bodies, Transparent translucent and Opaque substances, difference between a ray and a beam of light, rectilinear propagation of light, Applications of rectilinear propagation of light, Pinhole camera, shadow, Eclipses,
6	Magnetism (Final term)	Meaning, discovery of magnets ,natural magnets, artificial magnets, magnetic and non - magnetic substances, characteristics and properties of magnets, magnetic field around a magnet ,Earth's magnetic field, making a magnet, temporary and permanent magnets, Electromagnets, Uses of magnets ,care and storage of magnets, demagnetisation of a magnet. Activities.

SYLLABUS FOR THE YEAR- 2022
CLASS - 6 (BIOLOGY)

	<u>CHAPTERS</u>	<u>TOPICS</u>
1	Plant life (the leaf) (Mid – term)	Root system, Types of root system, shoot system, the stem, the leaf and its structure, types of leaves, arrangement of leaves, function of the leaves, significance of photosynthesis, significance of transpiration, modification of leaves, insectivorous plants, vegetative propagation in leaves, activities
2	The flower (mid- term)	Introduction on parts of the flower, Types of flower, functions, pollination, agents of pollination, fertilisation, fruit, parts of fruit, types of fruits, functions, the seed, types of seed, structure, germination, conditions necessary for germination , activities
3	Cell The structure and functions (mid- term & Final term)	Introduction, discovery of cell, cells – numbers, shapes and sizes, structural unit of cell, functional unit of life , structure of cell , cell division, activities.
4	Digestive system (Mid-Term)	Introduction, types of nutrients, digestive system in humans, assimilation, structure of tooth types of teeth care of the teeth
5	Respiratory System (Final- term)	Introduction, Types of respiration, respiratory system in humans, phases in respiration, mechanism of breathing common respiratory diseases.
6	Circulatory System (Final - Term)	Introduction, the blood, functions of blood ,blood vessels, heart, blood vessels of the heart, blood circulation, heart beat and Pulse, blood groups.
7	Disease and hygiene (Final -Term)	Introduction on health, What is a disease, categories of diseases, Types of disease, spread of diseases preventive measures.
8	Habitat and adaptation (Mid - Term)	Introduction, what is meant by adaptation, Adaptation in-aquatic habitat, desert, mountain, aerial, in seeds

SYLLABUS FOR THE YEAR- 2022
CLASS - 6 (CHEMISTRY)

CHAPTERS		TOPICS
1	Introduction of Chemistry MID TERM	Meaning, Importance of Chemistry, Dark side of Chemistry, Names of some great Chemists.
2	Common Laboratory Apparatus and Equipments. MID TERM	Introduction, Activities, Names, Descriptions and uses of Apparatus
3	Matter MID TERM & FINAL TERM	Introduction, Composition of Matter, States of Matter, Properties of solid, liquid and gas, Explanation with the help of kinetic theory, Effect of heat on matter, (Interconversion of states of matter, Chemical change on heating), Activities.
4	Elements, Compound, Symbols and Formulae MID TERM & FINAL TERM	Introduction, Pure substances, Elements, Metals and its properties, Metalloids, Noble gases, Symbols of elements, Common elements, Compounds, Atoms and Molecules, Formulae, Importance of formula, Some common compounds, Uses of different elements and compounds
5	Pure Substances and Mixture FINAL TERM	Introduction, Pure substances, Mixtures, Kinds of mixtures, Characteristics of mixture, Separation of mixtures by physical methods, Formation of mixtures, Why is water a compound and Air a mixture? Needs for separations of mixtures, Techniques of separation, Activities
6	Air and Atmosphere FINAL TERM	Introduction, Composition of air, Properties, Uses of a component of Air, Respiration in Plants, Combustion, balance of gases in nature, Air pollution, Harmful effects of air pollution, Causes of air pollution, Activities.
7	Water FINAL TERM	Introduction, Water - a compound, Occurrence of water, Sources of water, Surface water, Underground water, Water in the atmosphere, States of water, Interconversion of state of water, Importance of water, Importance of anomalous expansion of water, Need for drinking water, Water borne diseases (only names), Purification of water, Tap water contains dissolved impurities, Household methods to get safe drinking water, Water- a universal solvent, Capacity of water to dissolve substances, Saturated and unsaturated solutions, Physical properties of water.