



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

ANNUAL CURRICULUM PLAN

CLASS - IV



ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: ENGLISH

Book: Learning to communicate 4

Months: April – May

No. of Periods: 38

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p>Literature</p> <ul style="list-style-type: none">• Lesson 1- Two Boys in a Jungle• Lesson 2 –Mighty Bhim <p>Grammar-</p> <ul style="list-style-type: none">• Sentence formation.• Words substitution• Collocation• Compound words• Homophones• Use of prefix –Out <p>Creative Writing</p> <ul style="list-style-type: none">• Re-sequencing to write a story• Writing definitions	<p>The learners will be able to-</p> <ul style="list-style-type: none">• Read and comprehend the text.• Learn the correct use of ‘ph’ and ‘ow’ sounds.• Understand the meaning of homophones.• Use a dictionary.• Converse in pairs.• Write definitions.• Learn about the elements of a story and how to complete it.	<p>ACTIVITIES</p> <ul style="list-style-type: none">• Make a pet care file.• PPT on an Elephant. <p>RESOURCES</p> <ul style="list-style-type: none">• Reading activities• Written assignments• Notebook work• E-modules• Story telling	<ul style="list-style-type: none">• Reading skills• Listening skills• Speaking skills• Writing skills• Comprehension skills• Language development

Months: July – August

No. of Periods: 41

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p>Literature</p> <ul style="list-style-type: none">• Lesson 3 –A Precious Gift• Lesson 4- Rikki- Tikki –Tavi• Poem – Chaloo Chhipkalee <p>Grammar</p> <ul style="list-style-type: none">• Simple past and past continuous tense• Countable and Uncountable nouns• Phrase formation• Use of suffix – ful• Analogies• Classification of words• Spell ‘ing’ words• Compound words <p>Creative Writing</p> <ul style="list-style-type: none">• Picture based story writing	<p>The learners will be able to-</p> <ul style="list-style-type: none">• Dramatize recitation.• Do voice modulation to capture the mood.• Respond to simple questions in English.• Infer the meaning of unfamiliar words by reading them in the context.• Enjoy the rhythm and melody of the poem.• Read the poem aloud with the teacher.	<p>ACTIVITIES</p> <ul style="list-style-type: none">• Using colorful A 4 size sheets draw /paste pictures of the birthday gifts you received each year with descriptions.• On a chart paper draw/paste different types of snakes and write one for each.• Show and tell activity – birthday gift. <p>RESOURCES</p> <ul style="list-style-type: none">• Reading activities• Written assignments• Notebook work• E-modules• Story telling	<ul style="list-style-type: none">• Reading skills• Listening skills• Speaking skills• Writing skills• Comprehension skills• Language development

Months: September- October

No. of Periods: 40

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p>Literature</p> <ul style="list-style-type: none">• Lesson 5: And He Went To Bed• Lesson 6: Kindness Of Strangers• Poem: Everyday Things <p>Grammar</p> <ul style="list-style-type: none">• Pronounce completing sentences• Antonyms• Odd word out• Adjectives• Punctuations• Using prefix 'UN' and 'IN'• Word game <p>Creative Writing</p> <ul style="list-style-type: none">• Narrating an event	<p>The learners will be able to-</p> <ul style="list-style-type: none">• Respond verbally to questions based on day-to-day life experiences.• Read aloud with proper intonations and pauses.• Pick out key points of a given written text.• Use suffix.• Learn phrase formation.• Write narratives in the right sequence.• Learn about adjectives.• Recite poem with appropriate expressions.	<p>ACTIVITIES</p> <ul style="list-style-type: none">• Tongue twisters• Adjective tree• Show and tell activity- things you use every day. <p>RESOURCES</p> <ul style="list-style-type: none">• Reading activities• Written assignments• Notebook work• E-modules• Story telling	<ul style="list-style-type: none">• Reading skills• Listening skills• Speaking skills• Writing skills• Comprehension skills• Language development

Months: November- December

No. of Periods: 44

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p>Literature</p> <ul style="list-style-type: none">• Lesson 7: The Story of Lola Sapola• Lesson 8: Natures Flashlight• Poem: Growing Up <p>Grammar</p> <ul style="list-style-type: none">• Prepositions• Choosing the correct word• Grouping similar words• Crossword puzzle• Collocation• Jumbled words <p>Creative Writing</p> <ul style="list-style-type: none">• Letter writing	<p>The learners will be able to-</p> <ul style="list-style-type: none">• Recite and comprehend the poem.• Relate their understanding of the poem.• Identify rhyming words.• Respond to simple questions in English.• Solve common vocabulary exercises.• Write informal letters and messages keeping the audience in mind.	<p>ACTIVITIES</p> <ul style="list-style-type: none">• Doll making• “Firefly”- bookmark• Show and tell-“Dream profession” <p>RESOURCES</p> <ul style="list-style-type: none">• Reading activities• Written assignments• Notebook work• E-modules• Story telling	<ul style="list-style-type: none">• Reading skills• Listening skills• Speaking skills• Writing skills• Comprehension skills• Language development

Months: January-February

No. of Periods: 36

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<p>Literature</p> <ul style="list-style-type: none">• Lesson 9: Puru, The Brave• Lesson 10: Don Quixote and the Barber• Poem: The Complaint of the Camel <p>Grammar</p> <ul style="list-style-type: none">• Matching words with their definitions Spelling: use of ei and ie words• Fun with sounds• Simple future tense• Present perfect tense <p>Creative Writing</p> <ul style="list-style-type: none">• Paragraph writing	<p>The learners will be able to-</p> <ul style="list-style-type: none">• Differentiate between 'EI' and 'IE' words and form correct spellings.• Learn about Alexander The Great.• Understand the use of simple future and present perfect tense.• Write well-structured paragraphs with appropriate linking words.	<p>ACTIVITIES</p> <ul style="list-style-type: none">• Role-play• Paste a picture of a camel in your notebook and write a few lines about it.• Describe what had happened to you if you were Puru, and were captured by the Greeks. <p>RESOURCES</p> <ul style="list-style-type: none">• Reading activities• Written assignments• Notebook work• E-modules• Story telling	<ul style="list-style-type: none">• Reading skills• Listening skills• Speaking skills• Writing skills• Comprehension skills• Language development

वार्षिक पाठ्यक्रम योजना (2022 - 2023)

कक्षा: 4

विषय : हिंदी

पुस्तक: गुंजन हिंदी पाठमाला- 4, व्याकरण वाटिका-4

माह: अप्रैल-मई

कार्य दिवस : 38

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ /संसाधन	मूल्यांकन के क्षेत्र/ अवलोकन
<ul style="list-style-type: none">कविता – 1. भारत के बच्चेपाठ – 2. ईदगाहपाठ – 3. स्वामी विवेकानंदकविता – 4. प्रकृति की सुषमाव्याकरण –पाठ – 1. भाषा, लिपि और व्याकरणपाठ – 2. वर्णमालापर्यायवाची शब्द, विलोम शब्द, मुहावरे, शब्द सीढ़ी, अपठित गद्यांशकविता लेखन	<ul style="list-style-type: none">कविता में रुचि उत्पन्न करना व कविता गायन में दक्ष बनाना ।देश प्रेम, साहस, त्याग व ईमानदारी जैसे गुणों का विकास करना ।भाषा ज्ञान देना ।पर्यावरण की शिक्षा देना व प्रकृति के प्रति प्रेम बढ़ाना ।रचनात्मक लेखन में दक्ष बनाना ।	<ul style="list-style-type: none">देशप्रेम की भावना के साथ कविता गायन ।त्योहारों के चित्रों से कोलाज़ बनाना ।कविता लेखन – “प्रकृति” पर छोटी सी कविता की रचना करना व उसे लिखना ।शब्द सीढ़ी –शब्दों का निर्माण करना।वीडियो, चित्र, चार्ट, फ्लोचार्ट, इंटरनेट का प्रयोग ।	<ul style="list-style-type: none">पठनकविता वाचनश्रवणलेखनप्रश्नोत्तरकार्यपत्रकगतिविधियाँश्रुतलेखपरीक्षा

माह: जुलाई-अगस्त

कार्य दिवस : 41

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ /संसाधन	मूल्यांकन के क्षेत्र/ अवलोकन
<ul style="list-style-type: none">पाठ - 5 – हमारा तिरंगा झंडापाठ - 6 – एवरेस्ट के साथ मेरी भेंटकविता - 7 – चींटी और कबूतरपाठ - 8 – कबड्डीव्याकरणपाठ - 3 – संज्ञा - लिंग, वचनपाठ - 4 – सर्वनामअनेकार्थक शब्द, वाक्यांश के लिए एक शब्दकहानी लेखनपत्र लेखन – औपचारिक	<ul style="list-style-type: none">हिन्दी भाषा का ज्ञान देना व उच्चारण शुद्ध करना ।शुद्ध वर्तनी का प्रयोग सिखाना ।बच्चों में देश प्रेम, साहस व समानता का भाव उत्पन्न करना ।पठन, लेखन व श्रवण कौशल का विकास करना ।व्याकरण ज्ञान देकर भाषा को समृद्ध बनाना ।	<ul style="list-style-type: none">तिरंगा झंडा बनाकर देश प्रेम से भरा एक स्लोगन लिखना ।एवरेस्ट की चोटी पर पहुँचने वाले भारतीयों की सूची बनाना ।कविता को कहानी के रूप में सुनाना।शब्द सीढ़ी – संज्ञा शब्दों से सीढ़ी बनाना ।वीडियो, चार्ट, चित्र व इंटरनेट का प्रयोग ।	<ul style="list-style-type: none">कविता वाचनपठनरचनात्मक लेखनश्रवणश्रुतलेखगतिविधियाँकार्य पत्रकप्रश्नोत्तर9. परीक्षा

माह: सितंबर - अक्टूबर

कार्य दिवस: 40

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ /संसाधन	मूल्यांकन के क्षेत्र/ अवलोकन
<ul style="list-style-type: none">कविता - 9 – कदंब का पेड़पाठ -10 – अपना गाँवव्याकरणपाठ - 5 – विशेषणपाठ - 6 – क्रियासमानार्थक शब्द, विलोम शब्द, समश्रुत भिन्नार्थक शब्द, समूहवाची शब्दअपठित गद्यांश	<ul style="list-style-type: none">उच्चारण शुद्ध करना।शुद्ध वर्तनी का प्रयोग सिखाना।हिंदी शब्द भंडार में वृद्धि करना।ग्रामीण परिवेश की जानकारी देना।बच्चों की चिंतन, मनन व अभिव्यक्ति क्षमता का विकास करना।	<ul style="list-style-type: none">कविता वाचन करवाना ।रचनात्मक लेखन – अपने बचपन की किसी शरारत को अपने शब्दों में लिखो ।वाद-विवाद – गाँव और शहर के वातावरण में कौन सा बेहतर है ?गाँव में हुए विकास कार्यों की सूची बनाओ ।वीडियो, चित्रों व इंटरनेट का प्रयोग ।	<ul style="list-style-type: none">कविता वाचनलेखनश्रवणपठनश्रुतलेखप्रश्नोत्तरकार्य पत्रकगतिविधियाँप्रथम सत्र परीक्षा

माह: नवंबर- दिसंबर

कार्य दिवस : 44

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ /संसाधन	मूल्यांकन के क्षेत्र/ अवलोकन
<ul style="list-style-type: none">पाठ – 11 – आइजक न्यूटन ।पाठ – 12 – पानी अमृत है ।पाठ – 13- एक पत्र – श्रीनंदिनी के नाम ।व्याकरणपाठ – 7 – विराम चिह्न ।पाठ – वाक्य ।हिन्दी मास (महीनों) के नाम ।हिन्दी गिनती ।चित्र वर्णन ।पत्र लेखन – अनौपचारिक पत्र ।	<ul style="list-style-type: none">हिंदी साहित्य में रुचि उत्पन्न करना।हिंदी शब्द भंडार में वृद्धि करना ।वैज्ञानिक सोच को बढ़ावा देना ।बच्चों की तार्किक सोच व कल्पना शक्ति को विकसित करना ।पर्यावरण संरक्षण को प्रेरित करना।व्याकरणिक ज्ञान देना ।	<ul style="list-style-type: none">रंगीन कागज़ व बाँस की तीलियों से कंदील बनाना ।“जल संरक्षण” पर पोस्टर बनाना ।मित्र को अपने शहर की जानकारी देते हुए पत्र लिखना ।भाषा खेल ।चित्र देख कर उसका वर्णन करना।वीडियो, चित्रों व इंटरनेट का प्रयोग।	<ul style="list-style-type: none">पठनश्रवणलेखनश्रुतलेखप्रश्नोत्तरकार्य पत्रकगतिविधियाँरचनात्मक लेखनपरीक्षा

माह: जनवरी- मार्च
कार्य दिवस : 36

पाठ /विषय	अधिगम के उद्देश्य	गतिविधियाँ /संसाधन	मूल्यांकन के क्षेत्र/ अवलोकन
<ul style="list-style-type: none">• पाठ – 14 – केरल का निमंत्रण• पाठ – 15- तीन शर्ते• कविता – 16 – सपना• व्याकरण• मुहावरे• अनेकार्थक शब्द• अनुच्छेद लेखन -• सूचना लेखन -• संवाद लेखन –• पुनरावृत्ति – पाठ 9 से 16	<ul style="list-style-type: none">• हिंदी भाषा का ज्ञान देना ।• हिंदी शब्द भंडार को बढ़ाना।• भारतीय संस्कृति की जानकारी देना व प्रकृति से संबंध जोड़ना।• हास्य रस व काव्य आनंद देना।• रचनात्मक लेखन करवाना।• चिंतन, मनन व अभिव्यक्ति क्षमता को बढ़ाना।	<ul style="list-style-type: none">• दक्षिण भारत के किन्हीं तीन राज्यों के नाम लिखकर वहाँ की भाषा, स्थानीय भोजन, नृत्यों व दर्शनीय स्थानों की सूची बनाओ।• हिन्दी की कुछ पहेलियों को हल करना।• भाषा खेल – व्याकरण गतिविधि।• अपनी पसंद की कोई कलाकृति बनाकर उसके बारे में लिखना ।• वीडियो, चित्रों व इंटरनेट का प्रयोग।	<ul style="list-style-type: none">• पठन• कविता वाचन• श्रवण• लेखन• प्रश्नोत्तर• कार्य पत्रक• गतिविधियाँ• श्रुतलेख• रचनात्मक लेखन• वार्षिक परीक्षा

ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: MATHEMATICS

Book: Living Maths

Months: April – May

No. of Periods: 38

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Lesson 1- Place Value	<ul style="list-style-type: none">• Place value;• 5- digit numbers;• 6 -digit number;• Comparing number;• Forming number;• Rounding off numbers;• Roman numerals	<ul style="list-style-type: none">• To form numbers beyond a thousand	<ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test
<ul style="list-style-type: none">• Lesson 2- Addition and Subtraction	<ul style="list-style-type: none">• Addition and its properties;• Subtraction and its properties;• Estimation;• Word problems	<ul style="list-style-type: none">• To use an abacus to add and subtract	
<ul style="list-style-type: none">• Lesson 3- Multiplication	<ul style="list-style-type: none">• Multiplication;• Properties of multiplication;• Estimating the product;• Word problems	<ul style="list-style-type: none">• To practice doubles of numbers.	

Months: July – August

No. of Periods: 41

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Lesson 4- Division• Lesson 8- Geometry• Lesson 9- Symmetry & Patterns• Lesson 10- Measurement	<ul style="list-style-type: none">• Division; its property• Checking division• Division by 10, 100 and 1000• Word problems• Basic geometrical terms• Types of angles• Measuring a Line Segment• Construction of Line Segment• Polygons• Circles• Construction of Circles• Symmetry• Reflection• Patterns• Coding• Decoding• Measurement of length, mass (weight) & capacity; Addition; subtraction; multiplication; division; word problem	<ul style="list-style-type: none">• To recall division facts• To find the circumference of a circle• To create symmetry patterns in decorative items by using the paper cutting method• Measure the diameters of different denominations coins with the help of scale in mm. Convert it into cm also.	<ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test

Months: September-October

No. of Periods: 38

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Revision Work Term I Exam• Chapter 5 Multiples and Factors with HCF & LCM• Chapter 6 Fractions	<ul style="list-style-type: none">• Multiples; common multiples;• Factors; prime and composite number;• Prime factorization;• HCF; LCM;• Divisibility rules• Types of fractions• Comparing and ordering fraction;• Simplest Form;• Addition & subtraction of fractions; Word Problems	<ul style="list-style-type: none">• To find the factors of a number by pictorial representation• To create and understand equivalent fractions	<ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test

Months: November-December

No. of Periods: 44

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Lesson 7- Decimals	<ul style="list-style-type: none">• Decimals; Reading & Writing;• Place Value Number Line; Like Unlike,• Equivalent Decimals Comparing; ordering;• Converting fractions to decimals & vice versa;• Addition; Subtraction;• Word Problems	<ul style="list-style-type: none">• To represent decimal numbers on a spike abacus.	<ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test
<ul style="list-style-type: none">• Lesson 11- Perimeter and Area	<ul style="list-style-type: none">• The perimeter of polygons, Triangle, Rectangle & Square;• Area; it's unit;• Irregular shapes	<ul style="list-style-type: none">• To show that different shapes can have the same area	
<ul style="list-style-type: none">• Lesson 12 -Time	<ul style="list-style-type: none">• Reading time; 24-hour clock;• Unit of time; interchanging unit;• Addition & subtraction of time;• Word problems	<ul style="list-style-type: none">• Convert 12-hour time into 24- hour time.	

Months: January-March

No. of Periods: 36

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Chapter 13 Money and Unitary method• Chapter 14 Data Handling• Revision Work Term II Exam	<ul style="list-style-type: none">• Operations on money• Word Problems• Unitary method• Pictograph• Bar graph• Drawing a bar graph• Circle graph	<ul style="list-style-type: none">• Make a list of items you will need for your birthday party.• Find the total expenditure you would be doing in organizing the party.• Ask your friends about their following favorite activities (dancing, singing, gardening, playing games, drawing) and record your findings in the table representing it as a bar graph.	<ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test

ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: SCIENCE

Book: Wow! Science

Months: April – May

No. of Periods: 38

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson 1- Plant Classification <ul style="list-style-type: none">HabitatTerrestrial PlantsClassification of Terrestrial PlantsAquatic PlantsInsectivorous PlantsNon – green Plants	<ul style="list-style-type: none">Explain the term ‘habitat’ and know about plants living in different climatesIdentify the name plants living in different environmentsClassify plants according to their habitat under terrestrial, aquatic, insectivorous and nongreen plantsknow about characteristics of different plants that help them to survive in their habitatDiscover how terrestrial plants differ from one anotherDescribe in detail about some characteristics of insectivorous plantsAppreciate and acknowledge the uniqueness and plant world	ACTIVITIES <ul style="list-style-type: none">Similarities and differencesShow a lotus stemCut and paste picturesTextbook activityTextbook project RESOURCES <ul style="list-style-type: none">TextbookReference videosActivity materialWorksheetsFlow charts	<ul style="list-style-type: none">WorksheetsGroup discussionObjective type questionsOTBAWritten AssessmentProjects

<p>Lesson 2- Animal Classification</p> <ul style="list-style-type: none"> • Animal Habitat • Terrestrial Animals • Aquatic Animals • Amphibians • Arboreal Animals • Aerial Animals • Food Habits of Animals 	<ul style="list-style-type: none"> • Identify and names animals living in different climatic conditions and places • Classify land, water and other animals based on their habitat. • Explore and understand the food habits of different animals • Classify animals as herbivores, carnivores and omnivores • Appreciate and acknowledge the diversity in the animal world 	<p>ACTIVITIES</p> <ul style="list-style-type: none"> • Fish and its breathing(video) • Knowing more about aquatic animals(video) • Cut and paste • Textbook activity • Textbook project <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Reference videos • Activity material • Worksheets • Flow charts 	<ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects
<p>Lesson 3- Exploring Materials</p> <ul style="list-style-type: none"> • Materials we use in Our Daily Life • Common Materials • Properties of Materials • Choosing a Suitable Material 	<ul style="list-style-type: none"> • List the types of materials used in everyday life • Classify materials on the basis of their properties • Relate properties of materials to their uses • Compare the materials on the basis of their physical properties 	<p>ACTIVITIES</p> <ul style="list-style-type: none"> • Think and link materials • Textbook activity • Textbook project <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Reference videos • Activity material • Worksheets • Flow charts 	<ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects

Months: July – August

No. of Periods: 41

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson 4- Life Cycle of Animals <ul style="list-style-type: none"> Life cycles of Some Egg Laying Animals Animals that Give Birth to Young Ones 	<ul style="list-style-type: none"> Explain the term Life Cycle Differentiate between life cycle and life span Draw life cycles of egg-laying animals Learn about the life cycles of insects Compare and contrast 3 stage and 4 stage life cycles 	ACTIVITIES <ul style="list-style-type: none"> Who comes last Draw life cycles Textbook activity Textbook project RESOURCES <ul style="list-style-type: none"> Textbook Reference videos Activity material Worksheets Flow charts Charts and real objects 	<ul style="list-style-type: none"> Worksheets Group discussion Objective type questions HOTS OTBA Written Assessment Projects
Lesson 5- Life Cycle of a Plant <ul style="list-style-type: none"> Life cycle of a plant Flower 	<ul style="list-style-type: none"> Draw comparison between the life cycle of different plants Describe the life cycle of a flowering plant Summarise the importance of flowers and seeds Explain the structure of a flower Label the parts of a flower 	ACTIVITIES <ul style="list-style-type: none"> How does a seed grow? Structure of a seed Parts of a flower Textbook activity Textbook project RESOURCES <ul style="list-style-type: none"> Textbook Reference videos Activity material Worksheets Flow charts 	<ul style="list-style-type: none"> Worksheets Group discussion Objective type questions HOTS OTBA Written Assessment Projects

<p>Lesson 6- States of Matter</p> <ul style="list-style-type: none"> • The Three States of a Matter • Arrangement of Particles in Solids, Liquids, and Gases • Change of State of Water • When Matter Loses Heat • The Water Cycle • Solute, Solvent, and Solution • Reversible 	<ul style="list-style-type: none"> • Differentiate between solids liquids and gases on the basis of their characteristics • Explain the molecular arrangements in solids liquids and gases • Explain the changes in the states of matter and the phenomena involved • Describe the water cycle • Apply knowledge about solutions, solvents, and solutes in daily life • Identify reversible and irreversible changes 	<p>ACTIVITIES</p> <ul style="list-style-type: none"> • What's the matter? • Compressible and incompressible • What makes matters different • Change in state • Choose the suitable word • Compare the solubility • Textbook activity • Textbook project <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Reference videos • Worksheets • Flow charts 	<ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects
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Months: September-October

No. of Periods: 40

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson 7 Human Body: Nutrition and Organ System <ul style="list-style-type: none">NutrientsThe TeethThe Digestive SystemCirculatory SystemExcretory System	<ul style="list-style-type: none">Explain nutrients, their types, and their need for our bodyList the foods which make a balanced dietDescribe the structure of a tooth and types of teethInvestigate the cause of tooth decay and its preventionExplore the process of digestionList the functions of the circulatory and excretory system	ACTIVITIES <ul style="list-style-type: none">Food groupsDetect your pulseTextbook activityTextbook project RESOURCES <ul style="list-style-type: none">TextbookReference videosWorksheetsFlow charts	<ul style="list-style-type: none">WorksheetsGroup discussionObjective type questionsOTBAWritten AssessmentProjects
Lesson 8 Plant Body System <ul style="list-style-type: none">The Structure of a LeafPhotosynthesisTranspirationInterdependence of Plants and Animals	<ul style="list-style-type: none">Label the parts of the leafEnlist the role of stomata in photosynthesisExplain the process of photosynthesisInfer that transpiration helps in photosynthesisDescribe interdependence of plants and animals with the help of a food chain and oxygen-carbon dioxide cycle	ACTIVITIES <ul style="list-style-type: none">Similar or different (leaves)Water travelsTextbook activityTextbook project RESOURCES <ul style="list-style-type: none">TextbookReference videosWorksheetsFlow charts	<ul style="list-style-type: none">WorksheetsGroup discussionObjective type questionsOTBAWritten AssessmentProjects

Months: November- December

No. of Periods: 44

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson 9- Force and Work <ul style="list-style-type: none">• Force• Types of Force• Work• Simple Machines	<ul style="list-style-type: none">• Identify effects of forces in daily life• Classified forces• Enlist the factors affecting frictional force• Make use of friction in daily life• Explain gravitational force and its applications• Relate work with force• Classify simple machines into 6 categories• List the applications of simple machines	ACTIVITIES <ul style="list-style-type: none">• Changes due to Force• To make a wheel and axle• Make a Lever RESOURCES <ul style="list-style-type: none">• Textbook• Reference videos• Worksheets• Flow charts	<ul style="list-style-type: none">• Worksheets• Group discussion• Objective type questions• OTBA• Written Assessment• Projects
Lesson 10- Measurement <ul style="list-style-type: none">• Measurement of Length• Different types of Weighing Machines• Measurement of Volume• Measurement of Time• Measurement of Temperature	<ul style="list-style-type: none">• Use various instruments to measure length, mass, volume, time, and temperature• Express various physical quantities using their standard units• Convert larger units into smaller ones and vice versa• Classify weighing machines into groups based on their uses• Distinguish between AM and PM	ACTIVITIES <ul style="list-style-type: none">• How Tall?• What's the Weights?• How much it can hold• Measuring Human body temperature RESOURCES <ul style="list-style-type: none">• Textbook• Worksheets	<ul style="list-style-type: none">• Worksheets• Group discussion• Objective type questions• HOTS• OTBA• Written Assessment• Projects

<p>Lesson 11- Our Environment</p> <ul style="list-style-type: none"> • Adaptations • Adaptations for Protection • Adaptations for Breathing • Adaptations for Catching Prey • Adaptations for Coping with Extreme Temperature • Human Beings and the Environment • Ways to reduce Pollution • Importance of Plants and Wildlife • How to Save Plants and Wildlife • Endangered and Extinct Species • Save Our Environment 	<ul style="list-style-type: none"> • Explain the use of three types of thermometer • Study structural and behavioral adaptations in animals • Explain how human beings are impacting the environment • List the causes of pollution • Explain the impact of deforestation on earth • Differentiate between endangered and extinct animals • List the importance of plants and wildlife • Enlist ways to save plants and wildlife, as well as our environment 	<p>ACTIVITIES</p> <ul style="list-style-type: none"> • As I see animals • What helps them to survive (activity sheet) • Do it differently • Handmade sheets <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Reference videos • Worksheets • Flow charts 	<ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects
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Months: January-March

No. of Periods: 36

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson 12- Light <ul style="list-style-type: none">• Reflection of Light• How Light Travels• Shadows	<ul style="list-style-type: none">• Study structural and behavioral adaptations in animals• Explain how human beings are impacting the environment• List the causes of pollution• Explain the impact of deforestation on earth• Differentiate between endangered and extinct animals• List the importance of plants and wildlife• Enlist ways to save plants and wildlife, as well as our environment.	ACTIVITIES <ul style="list-style-type: none">• Amazing Bouncy Light• Light travels in a straight line• Wonder of light(shadow)• Textbook activity• Textbook project RESOURCES <ul style="list-style-type: none">• Textbook• Reference videos• Worksheets	<ul style="list-style-type: none">• Worksheets• Group discussion• Objective type questions• OTBA• Written Assessment• Projects
Lesson 13 Heat and Temperature <ul style="list-style-type: none">• Heat• Uses of Heat• Transfer of Heat from One Object to Another• Effects of Change in Normal Body Temperature	<ul style="list-style-type: none">• List the sources of heat• Elaborate the need of heat• Explain the phenomenon of transfer of heat• List the difference in heat and temperature• Learn to measure human body temperature.	ACTIVITIES <ul style="list-style-type: none">• Is it hot or cold?• Gain or loss• How hot is it?• Textbook activity• Textbook project RESOURCES <ul style="list-style-type: none">• Textbook• Reference videos• Worksheets	<ul style="list-style-type: none">• Worksheets• Group discussion• Objective type questions• HOTS• OTBA• Written Assessment• Projects

ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: SOCIAL STUDIES

Book: Cascade 4

Months: April – May

No. of Periods: 38

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson – 1 Our Country India	<ul style="list-style-type: none">Identify geographical features of India.Locate neighboring countries of India.Know about the physical and political division of India.Learn the names of Indian states and union territories and their capitals.Understand the terms related to the chapter.	<ul style="list-style-type: none">Map workChoose any one state of India and write about their capital, languages spoken and traditional dresses. Paste pictures. (Craft supplies, scrapbook, map, textbook)	<ul style="list-style-type: none">Notebook workAssignments/ worksheetsActivities / projectsMap Skills
Lesson – 2 The Northern Mountains	<ul style="list-style-type: none">Know about their locationThree divisions of HimalayasLearn about the states in North-east India	<ul style="list-style-type: none">Surf on the Internet and find out about the flora, fauna and climate of Himalayas. (Scrapbook, internet)	

Lesson – 3 The Northern Plains	<ul style="list-style-type: none"> • Locate the Northern plains on a physical map of India • Enlist the physical features of the plains and its divisions • Associate the names of the divisions to the names of the rivers that make them • Label the states that make up the plains 	<ul style="list-style-type: none"> • The Northern plains were the home of many great men such as Buddha, Ashoka, Akbar and Guru Nanak. Write a few lines about them and stick their pictures in your scrapbook. (Scrapbook, internet, craft supplies, textbook) 	
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Months: July – August

No. of Periods: 41

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson- 4 The Western Desert	<ul style="list-style-type: none">• Understand it's location, vegetation, wildlife, climate and transport system.• Know about states in the desert region• Analyse the type of plants that grow in the desert areas	<ul style="list-style-type: none">• Choose a tourist destination in Rajasthan. Find out the popular tourist spots in the city and paste their pictures in your scrap book.• Explore the internet and find about 'Camel Fairs' of Thar Desert. (Scrap-book, internet, craft supplies)	<ul style="list-style-type: none">• Notebook work• Assignments/worksheets• Activities / projects• Map Skills
Lesson – 5 The Southern Plateau	<ul style="list-style-type: none">• Locate the Deccan Plateau on the physical map of India.• List the names of states that fall under this plateau.• Identify the rivers in the plateau.• Comprehend the lifestyle of the people, occupation and vegetation prevalent there	<ul style="list-style-type: none">• Prepare a detailed report on any one state in the plateau region. (Scrapbook, internet, textbook)	
Lesson – 6 Coastal Plains and Islands	<ul style="list-style-type: none">• Locate the coastal plains and the islands on the physical map of India.• Enumerate the divisions of coastal plains and the states that fall under them.• Learn about the life of the people.• Label the major parts on the coast.	<ul style="list-style-type: none">• Make a model of the ocean bed.• Make a tourist guide highlighting different tourist destinations, located in the Andaman, Nicobar and Lakshadweep Islands. (Scrap-book, craft supplies, internet, textbook for reference).	

Lesson– 7 Climate of India	<ul style="list-style-type: none"> • Learn about weather and climate of India. • Analyse different seasons in India. • Define new terms like hurricanes, cyclone, tornado and draught 	<ul style="list-style-type: none"> • Weather reports – find the current day's weather report and log in the table. • Project: Make a tornado in a jar. (Scrap-book, jar, dish-soap, vinegar, water, dye/colour) 	
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Months: September- October

No. of Periods: 40

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson - 8 Natural Resources of India	<ul style="list-style-type: none">• Understand the meaning of 'natural resources.• Learn about types of resources and distinguish between renewable and non-renewable resources.• Analyse the consequences of excessive use of natural resources.• Learn to conserve natural resources.	<ul style="list-style-type: none">• Roleplay to save trees (Chipko Movement)• Slogans on "Save natural resources" (Craft supplies, a textbook for reference)	<ul style="list-style-type: none">• Notebook work• Assignments/worksheets• Activities/projects• Map Skills
Lesson– 9 Soils of India	<ul style="list-style-type: none">• Understand the process of soil formation.• Draw the different layers of soil.• Learn about the types of soils found in India.• Analyse the causes of soil erosion and measures of soil conservation.	<ul style="list-style-type: none">• Draw the different layers of soil and label them. (Craft supplies)	

Months: November-December

No. of Periods: 44

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson– 10 Forest and Wildlife of India	<ul style="list-style-type: none">• Learn about the different types of forests in India.• Understand the importance of forests.• Learn how to conserve forests.• Identify the wildlife of India.• Define some new enviro terms like deforestation and poaching.	<ul style="list-style-type: none">• Make a collage on the endangered animals of India and the world. (Craft supplies, internet)	<ul style="list-style-type: none">• Notebook work• Assignments/worksheets• Activities / projects• Map Skills
Lesson – 11 Water Resources of India	<ul style="list-style-type: none">• Understand sources of water - natural sources and man-made sources of water.	<ul style="list-style-type: none">• Make a chart on how water can be conserved in our daily lives.	
Lesson – 12 Mineral Resources of India	<ul style="list-style-type: none">• Learn about minerals.• Enlist types of minerals- metallic and non-metallic.• Know how and why to conserve minerals.	<ul style="list-style-type: none">• Collect pictures often everyday items that are made from minerals and paste them in your scrapbook.• Make an aluminum foil art. (Aluminium foil, cardboard)	

Lesson – 13 Agriculture in India	<ul style="list-style-type: none"> • Understand the importance of agriculture. • Analyse food crops and cash crops of India. • Learn about livestock rearing or cattle rearing and fishing. 	<ul style="list-style-type: none"> • Collect different kinds of crop products in separate pouches. Make a collage of the crops they come from and write where in India are they grown. (Small amounts from pulses and cereals, craft supplies) 	
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Months: January-March

No. of Periods: 36

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson– 14 Industries of India	<ul style="list-style-type: none">• Understand the importance of industries.• Know about the types of industries in India - cottage industries, small scale industries and large-scale industries.• Learn about their effects on the environment.	<ul style="list-style-type: none">• Paste the pictures of products such as oil, toothpaste, baskets, bedsheets, computers, LCDs, cars, etc. in your scrapbook and name the types of industry they fall under.	<ul style="list-style-type: none">• Notebook work• Assignments/worksheets• Activities / projects• Map Skills
Lesson- 15 Ancient India	<ul style="list-style-type: none">• Learn about the prehistoric and historic era.• Learn about the Indus valley civilization.• Define the terms like artefacts and engraving.	<ul style="list-style-type: none">• Make a brochure on 'Indus valley civilization. Write about their main cities, important buildings, art and places of trade• Make a seal from the Indus valley civilization using clay. (Craft supplies, clay/wheat flour/Maida)	
L- 16 The Constitution of India	<ul style="list-style-type: none">• Analyse the meaning and need of a constitution.• Identify the core features of the constitution of India.• Learn why there is a need for elections.	<ul style="list-style-type: none">• Make a poster on the preamble of India.• Quiz	

	<ul style="list-style-type: none">• Distinguish between Fundamental Rights and Directive principles.• Realize that rights and duties go hand in hand.• Define new terms like a universal adult franchise, sovereign, secular, socialist, democratic and republic.		
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ANNUAL CURRICULUM PLAN (2022-23)
CLASS: IV
SUBJECT: VALUE EDUCATION & LIFE SKILLS

Book: Living in harmony
Months: April-May
No. of working days: 7

TOPIC	LEARNING OBJECTIVES	VALUES	EXPECTED LEARNING OUTCOMES
<ul style="list-style-type: none">Unit 1 Watching Yourself Unit 2 Being Punctual	<ul style="list-style-type: none">Learn not to be distracted easily and focus on their work.Know the value of self-discipline. Develop a sense of wellbeing.The importance of being punctual in in their daily lives.The value and cultivate into a useful habit.	<ul style="list-style-type: none">Self-discipline Punctuality	<ul style="list-style-type: none">By the end of this lesson children will be able to understand.The importance of self-discipline for achieving our goals and for developing a sense of wellbeing. Being punctual is not to be seen as an obligation but as a value that should be cultivated into a useful habit.

Months: July - August

No. of working days: 8

TOPIC	LEARNING OBJECTIVES	VALUES	EXPECTED LEARNING OUTCOMES
<ul style="list-style-type: none">• Unit- 3 Forgive others• Living well – say what's on your mind, say what you feel• Unit 4 Living together• Unit 5 Caring for others• Living well: Respect your grandparents!	<ul style="list-style-type: none">• Learn to forgive others.• Understand that forgiving others will make them happy.• Understand the importance of living together in peace and harmony with others.• Appreciate that living with our family and friends make us feel strong and happy.• Know how to look after those who need some special care. <p>(Values learn in the previous lesson)</p>	<ul style="list-style-type: none">• Forgiveness• Consideration for others• Concern for others	<ul style="list-style-type: none">• By the end of the lesson children will be able to-• Learn to put aside their anger and forgive those who hurt them.• Learn the importance of living together in peace and harmony with others.• Appreciate that living with our family and friends makes us feel strong and happy.• Understand how to look after those who need some special care.• Learn to care for their, friends teachers, and parents.

Months: September - October

No. of working days: 8

TOPIC	LEARNING OBJECTIVES	VALUES	EXPECTED LEARNING OUTCOMES
<ul style="list-style-type: none">Unit 6 Love is sweet	<ul style="list-style-type: none">Appreciate that when we love someone, we are happy ourselves and we also make others happy.	<ul style="list-style-type: none">Universal love - unselfish and the giving nature of love	<ul style="list-style-type: none">By the end of the lesson children will be able to-learn to put aside their anger and forgive those who hurt them.
<ul style="list-style-type: none">Unit 7 Love nature	<ul style="list-style-type: none">Learn to take care of 'Mother Earth'Not to destroy or pollute the earth.	<ul style="list-style-type: none">Respect for the environment	<ul style="list-style-type: none">learn to respect and take care of mother earth.save the earth from destruction and pollution.

Months: November - December

No. of working days: 8

TOPIC	LEARNING OBJECTIVES	VALUES	EXPECTED LEARNING OUTCOMES
<ul style="list-style-type: none">Unit 8 Working together	<ul style="list-style-type: none">Learn the value of interdependence andIdentify the skills needed for working together.Learn to value other children and adults in their lives	<ul style="list-style-type: none">Cooperation	<ul style="list-style-type: none">By the end of the lesson children will be able to-Understand the value of interdependence and identify the skills needed for working together.Value other children and adults in their lives.
<ul style="list-style-type: none">Unit 9 The gift of peace	<ul style="list-style-type: none">Learn that when they make a promise, they should keep it.Understand that by keeping our promise, we give each other the gift of peace	<ul style="list-style-type: none">Helpfulness	<ul style="list-style-type: none">Understand that when they make a promise they should keep it.Realize that by keeping our promise, we give each other the gift of peace.
<ul style="list-style-type: none">Living well: Keep trying	(Values learn in the previous lesson)		

Months: January- March

No. of working days: 8

TOPIC	LEARNING OBJECTIVES	VALUES	EXPECTED LEARNING OUTCOMES
<ul style="list-style-type: none">Unit 10 India – Home to all religionsUnit 11 AhimsaLiving well: Know your feelingsLiving well: Be careful, be safe	<ul style="list-style-type: none">Learn to respect our different scriptures and understand different religion.Appreciate to live in peace and harmony with each other.Learn not to retaliate in an angry or violent mannerAppreciate that there are peaceful but firm ways of solving problems and conflicts. <p>(Values learn in the previous lesson)</p>	<ul style="list-style-type: none">Appreciation of cultural values of othersNon-violence	<ul style="list-style-type: none">By the end of the lesson children will be able to-Learn to respect our difference scriptures and their importance-understand to live in peace and harmony with each other.Understand one angry action quickly leads to another, instead of fighting back they should find peaceful ways of dealing with problems.

ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: GENERAL KNOWLEDGE

Book: General Knowledge (4)

Months: April – May

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">Unit 1 AbbreviationUnit 2 The firstUnit 3 Old to newUnit 4 Group name gridUnit 5 Know your citiesUnit 6 Persons associated withUnit 7 Film world	<ul style="list-style-type: none">Learn about full forms of abbreviationsFamous peopleNew names of cities and statesOne word to the group of thingsFamous people and their professions	<ul style="list-style-type: none">QuizCriss-cross puzzleWord huntsMultiple choice questions	<ul style="list-style-type: none">Notebook workTextbook workAssignmentsActivities

Months: July – August

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Unit 8 Across the globe• Unit 9 Fly high• Unit 10 Money bag• Unit 11 Famous people• Unit 12 India• Unit 13 Potpourri• Unit 14 Science quiz	<ul style="list-style-type: none">• Gain knowledge about the countries famous (person, building, places etc.)• Currencies• Legendary heroes• Our country India• Collection of Questions around the world	<ul style="list-style-type: none">• Multiple–choice questions• Quiz• Criss-cross puzzle• Word hunts	<ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities

Months: September-October

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Unit 15 Picture quiz• Unit 16 All about music• Unit 17 Sports terms• Unit 18 Miscellany• Unit 19 Special places• Unit 20 Know your doctors and your diseases	<ul style="list-style-type: none">• Identify the famous people• Different types of music• Sports and the terms associated with• Know about the special places• Doctors and their fields of specialization	<ul style="list-style-type: none">• Multiple–choice questions• Quiz• Criss-cross puzzle• Word hunts	<ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities

Months: November- December

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Unit 21 Quiz Kit• Unit 22 The Olympic and the Commonwealth Games• Unit 23 Wildlife• Unit 24 Games We Play• Unit 25 Mixed Bag• Unit 26 Around the World• Unit 27 Useful Instruments	<ul style="list-style-type: none">• Know about the Olympics and Commonwealth games• Get information about national parks and sanctuaries• Words associated with games• Know about the world• Instrument and their usage	<ul style="list-style-type: none">• Multiple-choice questions• Quiz• Criss-cross puzzle• Word hunts	<ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities

Months: January- March

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
<ul style="list-style-type: none">• Unit 28 Sports Awards• Unit 29 National Days• Unit 30 Geography• Unit 31 From the Past• Unit 32 Sports Roundup• Unit 33 New Seven Wonders• Unit 34 Reason It Out !	<ul style="list-style-type: none">• Learn about the awards associated with the sports• Important days we celebrate• Natural calamities• Learn about world history and inventions• Information related to sports and seven wonders of the world.	<ul style="list-style-type: none">• Multiple –choice questions• Quiz• Criss-cross puzzle• Word hunts	<ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities

ANNUAL CURRICULUM PLAN: 2022-23

CLASS: IV

SUBJECT: COMPUTER

Book: Smart Tech 4

Months: April – May

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson – 1 History of Computers	<ul style="list-style-type: none">• Learn about devices people use when there were no electronics computers• Evolution of mechanical computers• History of other devices like laptops and telephones• Know the term computer generations.	<ul style="list-style-type: none">• Create a document and write.• Number the following devices in the order they were invented. Abacus, difference engine, Pascaline, Analytical engine, IBM PC, Xerox Alto, Laptops, Napier's bones	<ul style="list-style-type: none">• Notebook work• Assignments• Activities / projects
Lesson- 2 Formatting text in MS word	<ul style="list-style-type: none">• Learn changing the font of text• Font colour, bold italic and underline and changing case of the text.• Learn aligning the text, creating lists	<ul style="list-style-type: none">• Different months in a year in the ascending order of font size.• Days in the week in the descending order of font size.	

Months: July – August

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson- 2 Formatting text in MS word	<ul style="list-style-type: none">• Checking Spelling and Grammar• Finding and Replacing• Settling Margins in a Document	<ul style="list-style-type: none">• Names of colours in the rainbow in uppercase and give them their respective colour.• Five of your favourite quotes. Write them in different combinations of bold, italic and underline options.• (Notebook, textbook & computer)	<ul style="list-style-type: none">• Notebook work• Assignments• Activities / projects
Lesson- 3 Adding Features to a Presentation	<ul style="list-style-type: none">• Learn to Insert tab in MS PowerPoint 2016• Adding animation• Running a slideshow	<ul style="list-style-type: none">• Create a simple presentation showing the five elements of nature and pictures.• Create a slideshow on 'My family' with some basic animations.• (Notebook, textbook & computer)	

Months: September- October

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson -4 Introduction to Email	<ul style="list-style-type: none">• Understanding of Email and its importance.• Learn to create an Email Account.• Learn the different components of email writing.• Method of sending an email.• Learn about email etiquettes.	<ul style="list-style-type: none">• Create your own e-mail account• Compose an e-mail and save them as a draft.• (Notebook, textbook & computer)	<ul style="list-style-type: none">• Notebook work• Assignments• Activities/ projects

Months: November- December

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson- 5 Introduction to Coding	<ul style="list-style-type: none">• Learn the meaning of coding• Learn about<ul style="list-style-type: none">➤ Algorithms➤ Debugging➤ Flowcharts	<ul style="list-style-type: none">• List down the five things from daily life that you can think run on codes.• Draw flowcharts for the following:<ul style="list-style-type: none">➤ Adding two numbers➤ Subtracting two numbers➤ Buying your favourite story book(Notebook, textbook & computer)	<ul style="list-style-type: none">• Notebook work• Assignments• Activities / projects
Lesson- 6 Introduction to Scratch	<ul style="list-style-type: none">• Learn block-based coding and• Scratch		

Months: January- March

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Lesson- 6 Introduction to Scratch	<ul style="list-style-type: none">• Learn the basic parts of the scratch window• order news right from the library• open a new project save a project and load an already saved project in scratch• make a Sprite move	<ul style="list-style-type: none">• Draw the default Sprite of the scratch application in your notebook.• Create a new scratch program to show a house and kids playing around it.• (Notebook, textbook & computer)	<ul style="list-style-type: none">• Notebook work• Assignments• Activities / projects
Lesson – 7 Exploring Scratch	<ul style="list-style-type: none">• Learn running blocks using the green flag• Using the looks blocks• Scratch extension• Pen extension• Use of different pen blocks	<ul style="list-style-type: none">• Open a new scratch project and do the following<ul style="list-style-type: none">➤ Create a Sprite(s) using the Paint editor.➤ Rename the program as 'My second Scratch project.'➤ Use the pen extension to draw a star using the sprite➤ Save the project on the computer.➤ (Notebook, textbook & computer)	

ANNUAL CURRICULUM PLAN (2022-23)

CLASS: IV

SUBJECT: ART

Book: Art Verse

Months: April – May

No. of Periods: 7

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Unit – 1 Introduction to paintings <ul style="list-style-type: none">• Paintings• Early age paintings Unit – 2 Different views of objects <ul style="list-style-type: none">• Side, front and back view of objects• Craft time: Paper Bag	<ul style="list-style-type: none">• Know about Early age paintings Identify salient features• Create own paintings• Learn to draw different views of an object (Freehand drawings)• Learn to make a paper bag (Newspaper craft)	<ul style="list-style-type: none">• Create a cave painting• Draw the objects (using different views)• Make a paper bag• (Art file, textbook, craft materials, colour, satin ribbons)	<ul style="list-style-type: none">• File work• Assignments• (Observation Description Create original work)

Months: July – August

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Unit 3 – Creative Lettering <ul style="list-style-type: none">• What is creative lettering?• Creative lettering around you• Letters can convey meaning• Adding meaning to a letter• Drawing objects with letters• Craft Time: Tricolor Badge	<ul style="list-style-type: none">• Gain knowledge about – 'pictograph'• Creative lettering• Identifying, collecting, and pasting of letters written in a creative way• Adding meaning to a letter by adding elements around it or draw a letter like an object• Draw pictures using different letters or numbers	<ul style="list-style-type: none">• Collect and paste different letters, which are written in different ways• Drawing objects with letters• Add meaning to a letter by adding elements around it or drawing a letter like an object• Make a tricolor badge (Art file, coloured papers, craft materials, newspaper, magazines, food wrappers, packaging papers, etc.)	<ul style="list-style-type: none">• File work• Assignments (Observation Description Create original work)

Months: September- October

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Unit 4 Drawing human figures <ul style="list-style-type: none">• Different views of human figures• Drawing human figures with costumes.• Craft Time: Flower Band Unit 5 Paper quilling <ul style="list-style-type: none">• Making paper rings• The art of rolled paper• Craft Time: Coiling for Paper Quilling	<ul style="list-style-type: none">• Learn how to draw human figures in different views (Front, side, and back)• Draw human figures wearing different costumes• Making of flower band <ul style="list-style-type: none">• Learn to make rings of varying size from paper strips• Making shapes in paper quilling using two types of coils- 1. Tight coil, 2. Loose coil	<ul style="list-style-type: none">• Making of flower bands• Draw a market scene• Make a card using paper quilling. (art file, paper strips, quilling tools, colour, silken ribbon, craft materials)	<ul style="list-style-type: none">• File work• Assignments (Observation Description Create original work)

Months: November- December

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Unit 6 Introduction to Egyptian paintings <ul style="list-style-type: none">• Characteristics of Egyptian paintings• Craft Time: Paper quilling keychain Unit 7 Landscape paintings <ul style="list-style-type: none">• What is landscape painting?• Different types of layers in landscape paintings• Chinese landscape paintings• Craft Time: Pop Up Card	<ul style="list-style-type: none">• Learn about the characteristics of Egyptian paintings• Drawing of Egyptian portrait• Making of 'paper quilling keychains' <ul style="list-style-type: none">• Know about landscape paintings – Western landscape paintings, Chinese Landscape paintings• Observation of paintings• Create own 'Western and Chinese landscape paintings	<ul style="list-style-type: none">• Draw an Egyptian portrait• Make paper quilling keychains• Create Western and Chinese Landscape paintings• Make a pop-up card (Artbook, art file, craft materials, colours etc.)	<ul style="list-style-type: none">• File work• Assignments (Observation Description Create original work)

Months: January- March

No. of Periods: 8

CONTENT	LEARNING OBJECTIVES	ACTIVITIES & RESOURCES	AREAS OF ASSESSMENT/ OBSERVATION
Unit 8 Using different mediums in art <ul style="list-style-type: none">• Pen as a medium• Types of pens• Drawing different patterns• Patterns Indian folk art• Craft Time: Dandiya Sticks	<ul style="list-style-type: none">• Know how different mediums in art• Types of pens• Drawing different types of patterns• Observe and draw Madhubani painting• Learn how to make Dandiya sticks with newspapers and decorate them.	<ul style="list-style-type: none">• Draw any one form of Indian folk art.• Make 'Dandiya sticks'	<ul style="list-style-type: none">• File work• Assignments (Observation Description Create original work)