



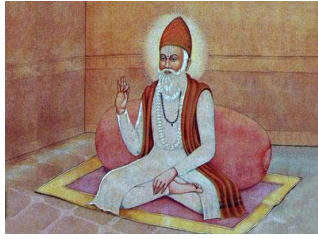


PARENT SYLLABUS -CLASS V
OCTOBER-FEBRUARY (2020– 21)

Month and Subjects	Topics covered / No. of Periods	Learning Outcomes	Activities	Alternative Academic Calendar (AAC) and Art Integration (AI)	Assessments
OCTOBER English	Coursebook: Lesson- Raoul the Owl(2cls)  Poem-Ice Golawalla(2cls)	<ul style="list-style-type: none"> ● Choose words/phrases that show Raoul's family's disagreement to his decision. ● Compare Raoul's feelings in the beginning and towards the end of the story. ● Interview your parents/grandparents about substitutes for ice cream they had and how they spent their pocket money in 	<ul style="list-style-type: none"> ● Online Games- Story sequencing, give one word, vocabulary. ● Kahoot ● Crossword ● Hangman 	<ul style="list-style-type: none"> ● Create a word maze with all the reporting verbs given in the lesson.(AI) ● Interview- your parents/grandparents about choices for ice cream they had and how they spent their pocket money in childhood.(AAC) 	<ul style="list-style-type: none"> ● Reading comprehension ● Spelling and vocabulary ● Worksheets as assignments

	 <p>Grammar: Word Clines(1cls) Modals(2cls) Idioms and proverbs(2cls)</p>	<p>childhood.</p> <ul style="list-style-type: none"> ● Differentiate between the modals used for possibility, obligation, and necessity by identifying them in various languages. 			
<p>OCTOBER Hindi</p>	<p>उम्मीद</p>  <p>(३ कालांश)</p> <p>कबीर की वाणी</p>	<p>१. भारतीय सेना के पराक्रम से परिचित होंगे।</p> <p>२. पूछे गए प्रश्नों के उत्तर दे पाएँगे।</p> <p>३. कठिन शब्दों के अर्थ जानकर सरल वाक्य बना पाएँगे।</p> <p>४. गागर में सागर के समान संत कबीरदास जी के अनमोल वचनों की अभिव्यक्ति कर पाएँगे।</p>	<ul style="list-style-type: none"> - ऑनलाइन खेल गतिविधि - kahoot खेल - वर्ड वाल खेल - दोहा वाचन - विशेषण तम्बोला खेल 	<p>साक्षात्कार (रोल प्ले)</p>  <p>कक्षा में एक साक्षात्कार कार्यक्रम का आयोजन किया जाएगा जिसमें परमवीर चक्र विजेता मेजर धन सिंह थापा मान्य अतिथिगण होंगे। कक्षा के छात्रों द्वारा निम्नलिखित विषयों पर प्रश्न चर्चा के आधार पर उनसे</p>	<p>वैकल्पिक प्रश्न कार्यपत्र (MCQ practice worksheet)</p> <p>शब्दावली</p> <p>श्रुतलेख</p> <p>अपठित गद्यांश</p>



(३ कालांश)

व्याकरण -

विशेषण

विशेषण के भेद



शब्दावली

श्रुतलेख

अपठित गद्यांश

अनुच्छेद लेखन

५. सस्वर दोहा वाचन कर पाएँगे
६. पूछे गए प्रश्नों के उत्तर दे पाएँगे।
७. पूछे गए संज्ञा शब्दों के लिए विशेषण शब्द बता पाएँगे।
८. विशेषण भेद एवं उसके उदाहरण बता पाएँगे।

- विशेषण संकेत कार्ड

साक्षात्कार किया जाएगा -

१. सैनिकों के प्रति हमारे कर्तव्य
 २. देश के प्रति हमारी देशभक्ति एवं कर्तव्य
 ३. हमारा उत्तरदायित्व
 ४. पड़ोसी देशों से सम्बन्ध
 ५. देश के विकास में योगदान।
- (AI)

विशेषण तम्बोला



कक्षा में छात्रों को विशेषण तम्बोला खेलवाया जाएगा।

(AAC)

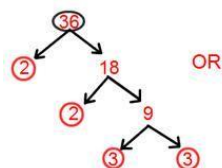
OCTOBER Mathematics

Factors and Multiples:

● Prime

Factorisation:

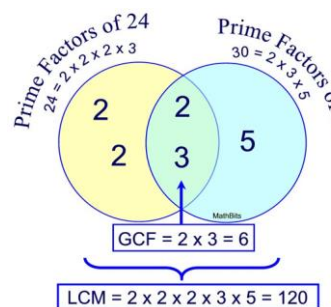
Recap



2	3
2	1
3	3
3	

- prime factors of given number (1cl)
- Common factors and common multiples (2cls)

● HCF and LCM:

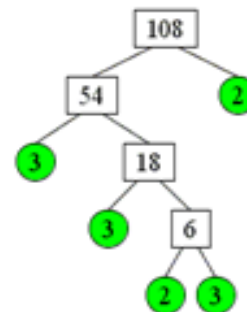


- Highest Common Factor (HCF): Finding HCF by listing factor, prime factorization and

Each child will be able to:

- **find** the prime factors of at least 2-digit numbers
- **write** at least one common factor of the given set of numbers
- write at least two common multiples of the given set of numbers
- find the HCF/LCM if the common factors/multiples of the given set of numbers are listed
- find HCF/LCM using at least one of the methods taught in the class
- solve at least one statement questions based on HCF/LCM

- **Making a factor tree** of the given numbers



- **Online games on factors and multiples:** Multiples ninja game to practice multiples of a certain number

- **Making Venn Diagram** for finding common factors



- **Kahoot.it quiz**



- **Nearpod**



- **Learning.app**

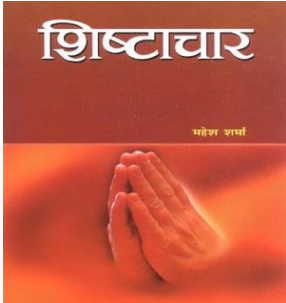
















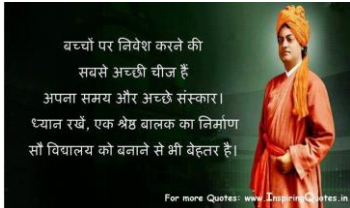








- Create your own trick to remember divisibility rules
- Create an online crossword puzzle using an app of your choice on Factors and Multiples


- Problem Solving Assessments through Google Forms.
- Mental Agility assessments through Google forms

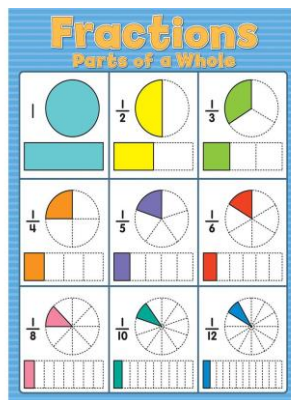
	<div>division method (2cls)</div> <ul style="list-style-type: none"> Lowest Common Multiple: Finding LCM by listing multiples and continuous division method (2cls) Application of HCF and LCM: Statement questions(2cls) 		<ul style="list-style-type: none"> wordwall.net 		
OCTOBER EVS	<div>Organ systems that help us move</div>  <div>The Skeletal System</div> <ul style="list-style-type: none"> Functions of the skeletal system. (1cl) Parts of a skeleton-skull, 	<ul style="list-style-type: none"> Restate in your own words the functions of the skeletal system. Outline the functions of the various parts of the skeleton Describe different kinds of movable joints with examples. 	<ul style="list-style-type: none"> Design a new joint for your body and state its function. 	<ul style="list-style-type: none"> Dance on 'The Skeleton Song' followed by a discussion on- why the students danced the way they did? [AI] Use household resources like 	<ul style="list-style-type: none"> Problem Solving Assessments through Google Forms. Worksheets as assignments.

	<p>backbone, ribcage, limbs, girdles.(2cls)</p> <ul style="list-style-type: none"> • Joints- types of movable joints- ball and socket joint, hinge joint, pivot joint and gliding joint(2cls) <p><u>The Muscular System</u></p> <ul style="list-style-type: none"> • Types of muscles- Voluntary, Involuntary, Cardiac(1cl) <p><u>The Nervous System</u></p>  <ul style="list-style-type: none"> • Brain(1cl) • Spinal Cord(1cl) 	 <ul style="list-style-type: none"> • Record the names of the different kinds of muscles with examples. • Validate the structure and functions of muscles, by describing them. • Classify and explain the structure of the nervous system • Describe the functions of the nervous system 	<ul style="list-style-type: none"> • Online simulated labelling games. 	<p>cutlery,toys, etc., to demonstrate the various joints. [AAC]</p>	
			<ul style="list-style-type: none"> • Short Term 	<ul style="list-style-type: none"> • Use household items to explain the five senses of seeing,hearing, smelling,tasting and touching. [AAC] 	

	<ul style="list-style-type: none"> • Nerves(2cls) 		Memory Game		
NOVEMBER English	<p>Coursebook-My Life- APJ Abdul Kalam(2cls)</p>  <p>Literature reader- There is a crocodile in our pickle jar. (2cls)</p>  <p>Grammar-Adverbs of frequency.(2cls) Phrasal Verbs(1cl)</p>	<ul style="list-style-type: none"> • Compile at least 8 to 10 new words along with their meanings from the lesson “My life”. • List 4-5 qualities required in a good leader. • Create a motivational quote in your own words. • Summarize the story ‘There is a crocodile in our pickle jar’ in your own words. • Use adverbs of frequency in appropriate context. 	<ul style="list-style-type: none"> • Discuss the qualities that are required to be a good leader. • Online games on- • Nearpod • Kahoot • Flipgrid 	<ul style="list-style-type: none"> • Explore about different kinds of street arts. If you were a street artist what kind of art would you have drawn to inspire mankind. Draw it in your art file.(you may add a quote too) (AI) 	<ul style="list-style-type: none"> • Reading comprehension • Spelling and vocabulary • Worksheets as assignments

<div>NOVEMBER</div> <div>Hindi</div>	<div>शिष्टाचार</div> <div></div> <div>शिष्टाचार के मूल स्तम्भ</div> <div>अनुशासन</div> <div>विनम्रता</div> <div>शिष्टता</div> <div>कृतज्ञता</div> <div>(३ कालांश)</div> <div>गिनती</div> <div>(२ कालांश)</div> <div>व्याकरण -</div> <div>वचन</div> <div><table><tr><td>एकवचन</td><td>बहुवचन</td><td>एकवचन</td><td>बहुवचन</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>बच्चा</td><td>बच्चे</td><td>गाड़ी</td><td>गाड़ियाँ</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>पुस्तक</td><td>पुस्तकें</td><td>धातु</td><td>धातुएँ</td></tr></table></div> <div>(२ कालांश)</div> <div>मुहावरे</div>	एकवचन	बहुवचन	एकवचन	बहुवचन					बच्चा	बच्चे	गाड़ी	गाड़ियाँ					पुस्तक	पुस्तकें	धातु	धातुएँ	<div>१. अनुशासन, विनम्रता कृतज्ञता और शिष्टता जैसे गुणों के विषय में जान पाएँगे</div> <div>२. शुद्ध उच्चारण में पाठ का पठन कर पाएँगे।</div> <div>३. नए- नए शब्दों का निर्माण करेंगे।</div> <div>४. कठिन शब्दों के अर्थ जानकर उनका वाक्य प्रयोग करेंगे।</div> <div>५. पूछे गए प्रश्नों के उत्तर दे पाएँगे।</div> <div>६. हिंदी में एक से सौ तक संख्या लिखना सीखेंगे।</div> <div>७. पूछे गए एकवचन शब्दों के लिए बहुवचन शब्द बता पाएँगे।</div> <div>८. मुहावरों के अर्थ बता पाएँगे।</div>	<div>- ऑनलाइन खेल गतिविधि</div> <div>- kahoot खेल</div> <div>- वर्ड वाल खेल</div> <div>-शिष्टाचार पी पी टी</div> <div>- वचन पी पी टी</div> <div>- मुहावरों पर आधारित पी पी टी</div> <div>मुहावरों के संकेत कार्ड</div>	<div>शिष्टाचार जरूरी है मानवता इसी में पूरी है। शिष्टाचारी मनुष्यों में ये भाव तो ही कस्तूरी है। शिष्टाचार से पता चले व्यवहार में कितनी जरूरी है। समाज कल्याण में शिष्टाचार सबसे ज्यादा ही जरूरी है।</div> <div></div> <div>स्लोगन लेखन</div> <div>शिष्टाचार पर आधारित एक स्लोगन लिखिए।</div> <div>(AI)</div> <div>कथा हमारे मन की अपने पसंदीदा मुहावरों का प्रयोग करते हुए एक लघु कथा की</div>	<div>वैकल्पिक प्रश्न कार्यपत्र</div> <div>(MCQ practice worksheet)</div> <div>शब्दावली</div> <div>श्रुतलेख</div> <div>अपठित गद्यांश</div>
एकवचन	बहुवचन	एकवचन	बहुवचन																						
																									
बच्चा	बच्चे	गाड़ी	गाड़ियाँ																						
																									
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	 <p>(२ कालांश)</p> <p>शब्दावली</p> <p>श्रुतलेख</p> <p>अपठित गद्यांश</p> <p>अनुच्छेद लेखन</p>	<p>९. मुहावरों का अभिनय कर पाएँगे</p> <ul style="list-style-type: none"> 		<p>रचना कीजिए। (AAC)</p> <ul style="list-style-type: none"> 	
NOVEMBER Mathematics	<p>Fractions</p> <ul style="list-style-type: none"> ● Introduction 	<p>Each child will be able to-</p> <ul style="list-style-type: none"> ● Identify like, unlike, unit, 	<ul style="list-style-type: none"> ● Activity 1: Writing fractions by paper folding 	<p>Tangrams: Making different shapes using the “seven tans”.</p>	<p>PSA and MA assessment using</p>

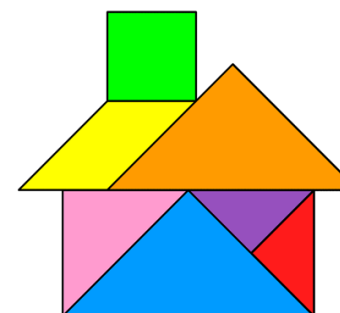
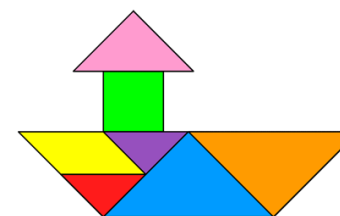
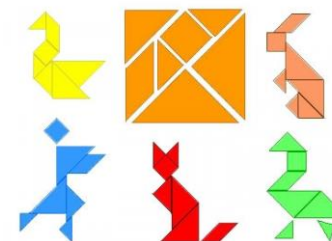


- Recap of types of fractions:
 - like and unlike fractions
 - unit and whole fractions
 - proper and improper fractions
- (1cl)
- Mixed fractions recap: converting improper fractions to mixed or vice-versa (1cl)
- Reducing fractions to lowest terms: writing fractions in standard form (1cl)
- equivalent fractions

- whole, proper and improper fractions
- convert improper fractions into mixed numbers and vice versa
 - reduce the fractions to their lowest term
 - write the equivalent fractions
 - Compare at least two given pairs of fractions
 - arrange at least one set of given fractions in increasing and decreasing order
 - solve questions on adding/subtracting like fractions
 - solve at least two questions on adding /subtracting unlike fractions
 - solve at least one statement question based on adding /subtracting fractions
 - calculate the product of given set of fractions
 - solve questions on dividing a fraction with another fraction

activity

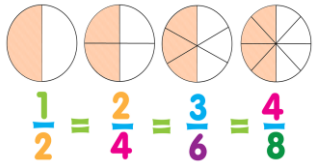
- Activity 2:** Equivalent fractions by paper folding
- Online games on fractions**
- Kahoot.it quiz**
- Nearpod**
- Learning.app**
- Wordwall.net**
- Activity 3:** Fold a square origami paper in different ways and write the fraction for each part



Writing fraction for each part of the seven tans.

- Fractions multiplication song:

Google forms

	<p>(1cl)</p>  $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$ <ul style="list-style-type: none"> comparing and ordering like/unlike fractions (2cls) <p>Operation on fractions</p> <ul style="list-style-type: none"> Recap of adding /subtracting like fractions (1cl) Adding/subtracting unlike fractions (2cls) Application of fractions: statement questions (1cl) <p>Multiplication & Division of fractions: basic idea (1cl)</p>			<p>https://www.youtube.com/watch?v=CcDGRLosAf0</p> <ul style="list-style-type: none"> Fractions division song: https://www.youtube.com/watch?v=nMZJKGyu-Kk 	
NOVEMBER EVS	Eat Well to be Healthy	<ul style="list-style-type: none"> Describe the 	<ul style="list-style-type: none"> Online 	<ul style="list-style-type: none"> My Kitchenette- Visit your kitchen and 	<ul style="list-style-type: none"> Problem Solving Assessments



-Importance of food(1cl)

-Nutrients of food(3cls)

- Carbohydrates
- Fats
- Proteins
- Vitamins & minerals
- Water
- Roughage

-Balanced diet (1cl)



-Deficiency of nutrients and deficiency diseases(2cls)

importance of food

- **Categorize** different types of nutrients

- **Explain** the term balanced diet

games on food groups

- **Happiness is homemade**

Venn diagram to compare home cooked meals with fast food meals.



identify two examples each for foods(raw or cooked) rich in carbohydrates,fats,proteins,vitamins and minerals.List your examples. **[AAC]**

- Making a sandwich using raw or boiled vegetables and discussing its nutritive value. **[AI]**

Prepare a questionnaire and interview your parents/ grandparents regarding their eating habits when they were students. **[AAC]**

through Google Forms.

Worksheets as assignments.



-Cooking for health
(1cl)



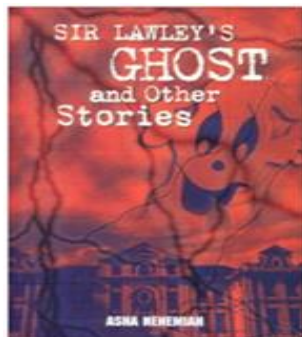
-Exercises to keep
healthy (1cl)



- **Differentiate** between good and bad cooking habits

- **List** the ways to keep healthy

**DECEMBER
English**



Coursebook and workbook: Sir Lawley's ghost(3cls)

Poem (Literature reader): The plaint of a camel (1cl)

Grammar-Reported Speech (2cls)
Pronouns and possessives(2cls)
Inverted Commas(1cls)

- **Choose** words/phrases that show people were in panic.

- **Imagine** yourself as any one animal and share your life struggles with others.(Rendezvous with animals)

- **Create** -a horror story with few objects from the lesson-'Sir Lawley's Ghost'

- Evaluating: Nearpod collaborative board-1.Which is the best part of the story 'Sir Lawley's ghost' and why?

- Can you think of a more appropriate title for the story?

- Draw an imaginary ghost in a Nearpod collaborative board.

- Online MCQ-games-Kahoot, Nearpod, Quizzes



- Poem-on a collaborative board


- Organic storytelling-choose any 5-6 objects from the story and weave a horror story around them. Narrate your story in the class.

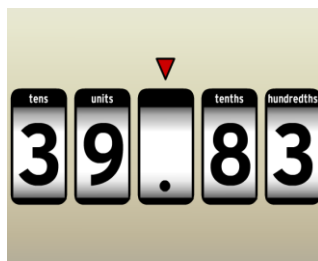
Or

- Dress up as any Halloween character and scare your friends in the online class by saying a few lines about the character.(AAC)

- Reading comprehension
- Spelling and vocabulary
- Worksheets as assignments

			students will write what comes to their mind when they think of a desert.		
DECEMBER Hindi	पी. वी. सिंधु से भेंटवार्ता  (३ कालांश) परिचय प्रशिक्षक अवार्ड/ सम्मान खिताब	१. पी .वी .सिंधु के जीवन की उपलब्धियों से परिचित होंगे २. पूछे गए प्रश्नों के उत्तर दे पाएँगे । ३. कठिन शब्दों के अर्थ जानकर सरल वाक्य बना पाएँगे । ४. विश्व के प्रसिद्ध बैडमिंटन खिलाड़ियों के नाम बता पाएँगे । ५. पूछी गई पहेलियों के	- ऑनलाइन खेल गतिविधि - kahoot खेल - वर्ड वाल खेल - अनेक शब्दों के लिए एक शब्द पी पी टी - पर्यायवाची पर आधारित पी पी टी •	 परिवार संग समय बिताओ, एक दूसरे को जानो समझो, संग- संग खुशियाँ मनाओ कोरोना महामारी जैसे संकट के समय में आपके परिवार के सभी सदस्य घर पर रहते हुए कौन- कौन से खेल खेलते हैं ? अपने शब्दों में लिखिए । (AAC)	वैकल्पिक प्रश्न कार्यपत्र (MCQ practice worksheet) शब्दावली श्रुतलेख अपठित गद्यांश

	<p>दिमाग लगाओ पहेली सुलझाओ</p>  <p>(२ कालांश)</p> <p>व्याकरण -अनेक शब्दों के लिए एक शब्द (२ कालांश) पर्यायवाची शब्द (२ कालांश) शब्दावली श्रुतलेख अपठित गद्यांश अनुच्छेद लेखन</p>	<p>उत्तर बता पाएँगे ।</p> <p>६ . स्वयं पहेली निर्माण कर पाएँगे ।</p> <p>७. पूछे गए अनेक शब्दों के लिए एक शब्द बता पाएँगे</p> <p>८. पूछे गए शब्दों के पर्यायवाची शब्द बता पाएँगे</p> <ul style="list-style-type: none"> • 		<p>कुछ नया बनाएँ, खेल- खेल में सीखें सिखाएँ-</p> <ul style="list-style-type: none"> ● पर्यायवाची पर आधारित संकेत कार्ड (Flash Cards) बनाइए । (AI) 	
DECEMBER Mathematics	<p>Decimals</p> <ul style="list-style-type: none"> ● Introduction: decimal number and its parts 	<p>Each child will be able to—</p> <ul style="list-style-type: none"> ● write at least two examples of decimals ● identify the whole and fraction part of a decimal number 	<p>Activity- Colour the boxes of the graph paper to represent the given decimals</p>	<ul style="list-style-type: none"> ● Click the link given below to watch the song to convert fractions into decimals. https://www.youtube.com/watch?v=WV5VY76Pf5U ● Click the link given below to watch the song to compare 	<p>PSA and MA assessment using Google forms</p>

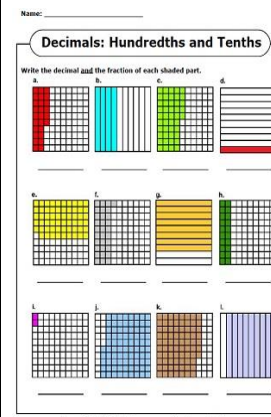


(1cl)

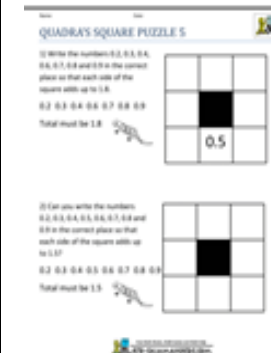
- Place value chart/table for decimal numbers (2cls)
- converting decimals to fractions (1cl)
- converting fractions to decimals (1cl)
- Like and unlike decimals (1cl)
- comparing and ordering decimals (2cls)
- Adding and subtracting decimals (2cls)

Statement questions

- identify and write the place value of each digit of the given decimal number
- convert decimals to fractions
- convert fractions to decimals
- convert unlike decimals into like decimals
- compare pairs of decimals
- arrange given set of decimals in ascending /descending order
- solve questions on adding/ subtracting decimals
- solve at least one statement question on adding and subtracting decimals



Decimals Puzzle:







- Kahoot.it quiz
- Nearpod
- Learning.app


wordwall.net

decimal numbers

<https://www.youtube.com/watch?v=RHUI4kZDD6c>

	on adding/subtracting decimals (1cl)				
DECEMBER EVS	<p>How Diseases Spread</p>  <ul style="list-style-type: none"> Communicable and non-communicable diseases (2cls) Life cycle of mosquitoes and houseflies(2cls)  <ul style="list-style-type: none"> Diseases spread by mosquitoes and houseflies(1cl) 	<ul style="list-style-type: none"> Simulate the spread of an infectious disease Describe some factors essential in the prevention of an infectious disease <p>Identify health challenges and solutions in various types of diseases</p>	<ul style="list-style-type: none"> Create a brochure to spread awareness of diseases spread by mosquitoes. Discuss with your parents and list the vaccinations that you have had since your birth. 	<ul style="list-style-type: none"> Role-play the do's and don'ts of covid-19.[AAC] Design a poster to show your gratitude for the corona warriors.[AI] 	<ul style="list-style-type: none"> Problem Solving Assessments through Google Forms. <p>Worksheets as assignments.</p>

	<ul style="list-style-type: none"> • Other ways in which diseases spread(2cls) • What can we do • Vaccination and Making ORS(1cl) 				
JAN. & FEB. English	<p>Coursebook-On the Yellow brick Road(3 cls)</p>  <p>Poem-Hints on Pronunciation for foreigners(2cls)</p>	<ul style="list-style-type: none"> • Compile a total list of 8 to 10 new words along with their meanings from the lesson ' On the Yellow bricks road' • Write answers for the given questions based 	<ul style="list-style-type: none"> • Question Tags- On a Nearpod activity. Match the question tags with the correct sentences. • Online MCQ- Kahoot and Quizizz. 	<ul style="list-style-type: none"> • Choose any story/folk tale and change it into a play. Write all the details. For example- cast, setting, scene props etc. (refer to page -134 of the coursebook) Write the dialogues of the characters and share the same in the Google class. (AI- Theatre). • 	<ul style="list-style-type: none"> • Reading comprehension • Spelling and vocabulary • Worksheets as assignments •

	 <p>vocabulary- Collocations (2cls)</p> <p>Grammar- Homographs (2cls)</p> <p>QuestionTags(2 cls)</p>	<p>on the lesson-'On the Yellow bricks road'</p> <ul style="list-style-type: none"> ● List of 6-7 homographs with meanings. ● Frame simple sentences using collocations. ● Match sentences with the correct question tags. 	<ul style="list-style-type: none"> ● Vocabulary Crosswords on Learning Apps/Word Wall. ● Learners record the differences in the pronunciations of people from different regions and how their mother tongue influences the pronunciation. 		
JAN. & FEB. Hindi	मेरा देश (कविता)	<p>१. देश प्रेम की भावना से परिचित होंगे ।</p> <p>२. देश की महान विभूतियों के बारे में जान पाएँगे ।</p>	<p>- ऑनलाइन खेल गतिविधि</p> <p>- kahoot खेल</p>	<p>मेरा देश मेरी शान देशभक्ति पर आधारित एक स्वरचित कविता अथवा गीत लिखिए</p>	<p>वैकल्पिक प्रश्न कार्यपत्र (MCQ practice worksheet)</p>



(२ कालांश)

हवा की दुनिया

(३ कालांश)

व्याकरण -

समभिन्नार्थक शब्द

(२ कालांश)

विराम चिह्न

(२ कालांश)

र- के रूप

(२ कालांश)

शब्दावली, श्रुतलेख

अपठित गद्यांश

अनुच्छेद लेखन

३. कविता का सस्वर वाचन कर पाएँगे।

४ .नए शब्दों से परिचित होंगे

५ .पूछे गए प्रश्नों के उत्तर दे पाएँगे।

६ .कठिन शब्दों के अर्थ जानकर सरल वाक्य बना पाएँगे।

७.जीवन में हवा के महत्त्व के विषय में जान पाएँगे।

८. पूछे गए समभिन्नार्थक शब्दों के उत्तर बता पाएँगे

९. वाक्यों में विराम चिह्न लगा पाएँगे।

१०. र के विभिन्न रूपों से शब्द रचना कर पाएँगे।

- वर्ड वाल खेल

- भारत देश पर आधारित पी पी टी

- समभिन्नार्थक शब्द पर आधारित पी पी टी

-विराम चिह्न पर आधारित पी पी टी

-र के विभिन्न रूपों पर आधारित पी पी टी

|
(AI)



अभिवादन

भारत के प्रमुख राज्यों की किन्ही पाँच भाषाओं में नमस्कार अथवा अभिवादन कला जानिए और अपनी कक्षा के साथ सांझा कीजिए

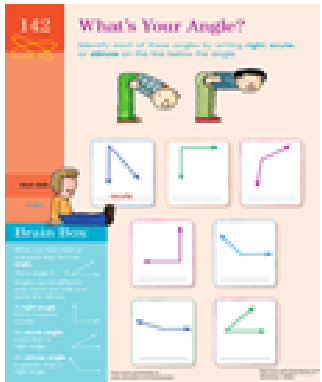



(AAC)

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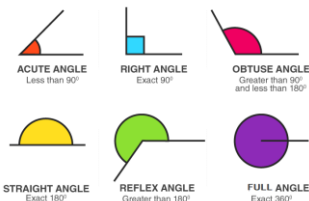
शब्दावली

श्रुतलेख

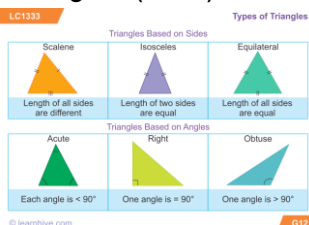
अपठित गद्यांश

<p>JAN. & FEB. Mathematics</p>	<p>Geometry:</p> <ul style="list-style-type: none"> • Geometry in day to day life • Recap of point, ray, line and line segment • Angles: identifying/ observing angles in the surrounding  <ul style="list-style-type: none"> • Angles classification: <ul style="list-style-type: none"> - Acute - Obtuse - Right - Straight - Reflex and - Complete angle 	<ul style="list-style-type: none"> • Each child will be able to: • identify geometrical shapes in real life • identify points, lines, rays and line segments around them • give examples of points, rays, lines and line segments in day to day life • identify the angles and give examples of angles formed around them • count the number of angles in the given shapes and name them • identify the types of angles and name them • measure the given angle using a protractor • draw the angle of given measure using the protractor • identify and name the polygons on the basis of 	<p>Activities:</p> <p>a) Rangometry: making beautiful patterns using geometrical shapes</p>  <p>b) Shapescape: making landscape using shapes</p> 	<p>AI: Warli Painting- Indian tribal art form originated in Maharashtra.</p> <p>It consists of triangles, circles, lines and angles basically.</p>  <p>Madhubani art form: It is also referred to as Mithila Art (as it flourishes in the Mithila region of Bihar), is characterized by line drawings filled in by bright colours and contrasts or patterns.</p>	<p>PSA and MA assessments using google forms</p>
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TYPES OF ANGLES



- Use of protractor in measuring and making angles
- revising polygons(1 cl)
- Introduction of triangles: classification of triangles on the basis of sides and angles (2 cls)



- Pair of lines: basic idea of parallel, intersecting and perpendicular lines
- Shapes: 2D and 3D Shapes

number of sides

- define a triangle as the simplest closed figure
- write the name of the given triangle on the basis of sides and angles
- identify the types of pair of lines
- make 3D net for at least one shape

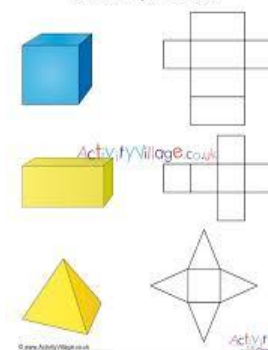
Symmetry & Patterns

- identify symmetric shapes/objects around them
- list at least two shapes/objects in nature which are symmetric
- draw line(s) of symmetry of given shapes
- draw mirror image of given shapes
- write the next term of the series of the given patterns



- c) **3D nets:**
Making 3D nets for a few 3D shapes (cube, cuboid, cylinder and pyramid)

Nets of 3D Shapes
Match the 3D shape to the correct net.



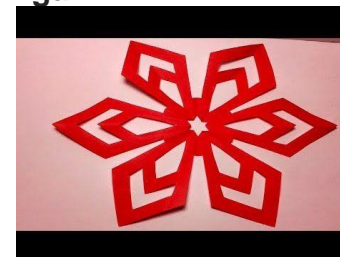
- d) **Symmetry & patterns**
Complete the given shape/pattern



Thread Painting:

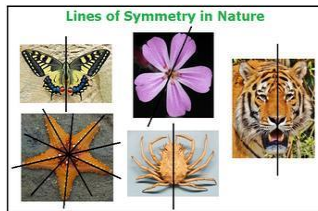


Kirigami:



Symmetry

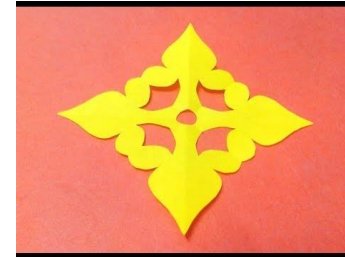
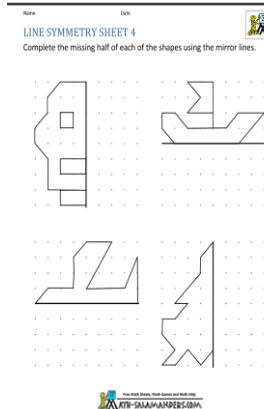
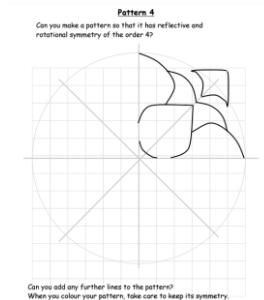
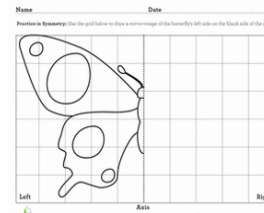
- Symmetry in nature



- line/axis of symmetry
- reflection symmetry

Patterns

number patterns,
shapes patterns and
letter patterns



JAN. & FEB.
EVS

What Everything is
Made Of

- **Categorize** different

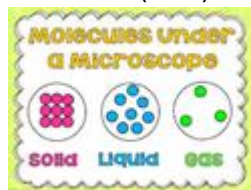
- Look and Speak-look at the pictures and describe what you see and answer the questions asked

- Molecular Arrangement-
- Arrange the molecules in solid , liquid and gas using kidney beans (rajma) or chickpeas

- Problem Solving Assessments through Google



- Matter and Kinds of Matter(2cls)
- Atoms & molecules(2cls)
- States of matter- (3cls) Solids and its properties
- Liquids and its properties
- Gases and its properties
- Change in state(2cls)



Solids dissolve in

states of matter

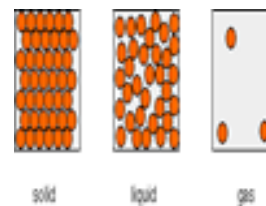
- **Describe** the properties of solid, liquid and gas
- **Compare and Contrast** solids, liquids and gases
- **Draw** molecular arrangements in solids, liquids and gases
- **Recognize** the objects as solids, liquids and gases
- **Infer** how one state of matter changes into

by the teacher.



- Making solutions using different solute and solvent

(change) {AAC}

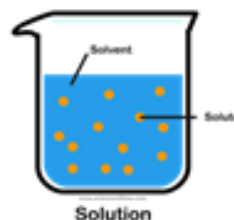


Forms.

Worksheets as assignments

liquids
Solute, Solvent and
Solution

- another
- **Differentiate** solute and solvent



Look around your house and identify 4-5 examples which use some source of energy to function. **(AAC)**

Force, Work and Energy



- Force and Kind of Forces(2cls)



- Work (1cl)

- **Prepare** a list of kind of forces

- **Explain** the meaning of work

- **Enumerate** the sources of energy

- Perform the following tasks and explain which kind of force was used-
1. Pushing a pencil box on different surfaces like wood, glass etc.
Writing on paper, glass, wood, etc

- Energy and Sources of energy(2cls)
- Forms of Energy(2cls)

