

**D.A.V. POLICE PUBLIC SCHOOL,
GURUGRAM**



SUMMER HOLIDAY

HOMework

Session 2026-27

Class - VI

Dear Parents,

As the summer vacation begins, it brings with it a wonderful opportunity for children to relax, recharge, and engage in meaningful activities that promote both scholastic and co-scholastic growth. To make the most of this time, our dedicated teachers have thoughtfully prepared engaging projects and assignments aimed at reinforcing concepts, deepening understanding, and laying the foundation for academic success in the coming year.

We encourage you to help your child maintain a healthy balance between rest and productivity. Create a flexible schedule that includes time for learning, leisure, and physical activity. Inspire them to explore new hobbies, read interesting books, and discover creative pursuits.

Stay actively involved in your child's learning journey. Check in regularly on their progress, talk about their goals for the next academic year, and provide a supportive and distraction-free environment for their studies. Your involvement and encouragement can make a significant difference.

Also, remember the importance of social connections. Encourage your child to stay in touch with friends and classmates, as these interactions contribute greatly to their emotional well-being. Plan enjoyable family activities to strengthen your bond and create lasting memories together.

Above all, prioritize your child's health. Ensure they get adequate sleep, eat nutritious meals, stay active, and feel emotionally supported. With your guidance, they will be better prepared to embrace the challenges of the new academic year with confidence and enthusiasm.

Wishing you all a joyful and enriching summer break!

Warm regards,

Team DAVPPS

ENGLISH

1. READING

(i) Read one of the following books during the summer vacation:

a. 'Charlie and the Chocolate Factory' by Roald Dahl

OR

b. 'Oliver Twist' by Charles Dickens

Write a detailed summary in your English notebook. The summary should include:

- **Introduction of the story**
 - a. Name of the story/book, Name of the author, Type/genre of the story (adventure, fantasy, moral story, mystery, etc.), Setting of the story (time and place)
- **Main Characters**
 - a. Name of the main character/protagonist, Important supporting characters, Role of each character in the story, Character traits (kind, brave, selfish, intelligent, etc.)
- **Important Events**
 - a. Beginning of the story, Major problem or conflict, Important turning points/events, Climax of the story
- **Moral of the Story**
 - a. Main lesson learned, Values taught in the story, How the moral connects to real life
- **Your Personal Review**
 - a. What you liked most about the story, What you disliked or found less interesting, Favourite scene or chapter, What you learned from the story

Note: Kindly decorate your notebook neatly and creatively during the holidays to make your homework more attractive and presentable.

2. WRITING

(ii) Practice the following writing tasks in your notebook:

- You are Rohan/Rohini, Cultural Secretary of DAV Public School, Mumbai. Your school is organising an Inter-House Singing Competition for Independence Day celebrations. Draft a notice informing students of Classes VI–VIII about date, time, venue and registration details. (50 words)

- You are Rahul/Roma of Class VI of Mountain Valley School, Dehradun. You have found a black wristwatch in the school playground after the games period. Write a notice informing the students to identify and collect it from you.
- You are Arjun/Ananya. You feel that the library in your school does not have enough interesting books. As a Literary Captain of BBPS School, Hyderabad, write an application to the School Principal requesting her to arrange short story books for the school library to encourage reading habit. Write within a word limit of 120-150 words.
- As a White elephant, write a diary entry page expressing your sadness for not listening to your mother's advice and leaving her alone in the forest. (Word Limit: 100-120)

Note: Practice one page of neat handwriting daily in a separate notebook during the summer break to improve your writing skills and presentation.

3. GRAMMAR

(iii) Complete the following grammar assignments given in the following link:

https://docs.google.com/document/d/1G6t-oZXaZUnGBUAZ9gw-g8MbNP6B1d1sBoAUioQJtg/e_dit?tab=t.0

(iv) Solve the assignment booklet L-1, 2, 3

4. PROJECT WORK

Prepare an innovative project on the theme 'WORDS TO WISDOM'. (as mentioned below in the models allocation)

5. BOOK WRITING AND PUBLISHING

Students will continue their creative writing journey through book writing and publishing activities in collaboration with Bribooks.

- Students are encouraged to write original stories, poems, short novels, or inspirational books.
- The registration link for Bribooks is shared below:
- <https://www.camp.bribooks.com/events/student/signup/sc-india-2026?sid=137338>
 - Students should attempt to complete and publish at least one book draft during the session.
- Originality, creativity, language usage, and presentation will be appreciated.

6. LISTENING

To enhance listening skills and critical thinking, students are encouraged to listen to the following podcasts (CLASSES VI to VIII) <https://www.storypirates.com/podcast.7>

7.Literature Revise Lesson done in the class and solve the assignment booklet of L-1, 2, 3

HINDI

1 श्रवण कौशल (listening skills)

कहानी सुनो और उत्तर दो अपने दादा-दादी या नाना -नानी से किसी एक महान संत की प्रेरणादायक कहानी सुनिए और नीचे दिए गए प्रश्नों के उत्तर दीजिए –

कहानी का नाम-

कहानी का मुख्य पात्र-

कहानी से आपको क्या सीख मिली -

कहानी का सबसे अच्छा भाग कौन-सा लगा और क्यों?

2. वाचन कौशल (Speaking / Recitation Skills)

कार्य – 1 : कविता वाचन

किसी प्रेरणादायक हिंदी कविता का सुंदर वाचन कीजिए तथा उसका वीडियो बनाइए। (समय – 1 से 2 मिनट)

कार्य – 2 : समाचार वाचन

प्रतिदिन समाचार पत्र से एक हिंदी समाचार पढ़कर स्पष्ट उच्चारण के साथ बोलने का अभ्यास कीजिए।

3. पठन कौशल (Reading Skills)

बाल रामायण पढ़िए।

4. लेखन कौशल (Writing Skills)

कार्य – 1 : अनुच्छेद लेखन

निम्न विषयों में पर 120–150 शब्दों में अनुच्छेद लिखिए –

मेरा प्रिय राष्ट्रीय त्योहार

हमारा पर्यावरण

मेरा सपना

कार्य – 2 शब्दकोश निर्माण करिए।

कार्य -3 प्रोजेक्ट वर्क दिए गए क्रमांक के अनुसार करिए।

कार्य - 4 तेलंगाना और हरियाणा के एक-एक प्रसिद्ध पर्यटन स्थल के चित्र लगाकर उनके बारे में जानकारी लिखिए।

कार्य -5 कबीर जी के दस दोहे अर्थ सहित लिखिए।

MATHS

Do the following lab activities in maths lab manual:

1. Triangular number patterns. (pg - 6)
2. Comparison of numbers . (Pg - 12)
3. Prime numbers. (Pg - 17)
4. Factorisation of Numbers. (Pg- 19)
5. Highest Common Factors. (Pg - 21)
- 6 A. Lowest Common Multiples.(Pg-22)
- 6 B. Addition of Integers. (Pg -39)
7. Perimeter of any Four sided figure.

Do the following chapters from Brainstorm -in -mathematics:

1. Chapter -1 Pattern in mathematics.
2. Chapter -3 Number play.
3. Chapter -5 Prime Time.

Do the following chapters from '20-20' -in -mathematics:

1. Chapter -1 Pattern in mathematics.
2. Chapter -3 Number play.
3. Chapter -5 Prime Time.

SCIENCE

1) Collect Information And Make A Project Report On Any Five Fabrics Used In Haryana And Telangana

2) Science Model: Make A Model On The Topic Allotted According To Your Roll Numbers.

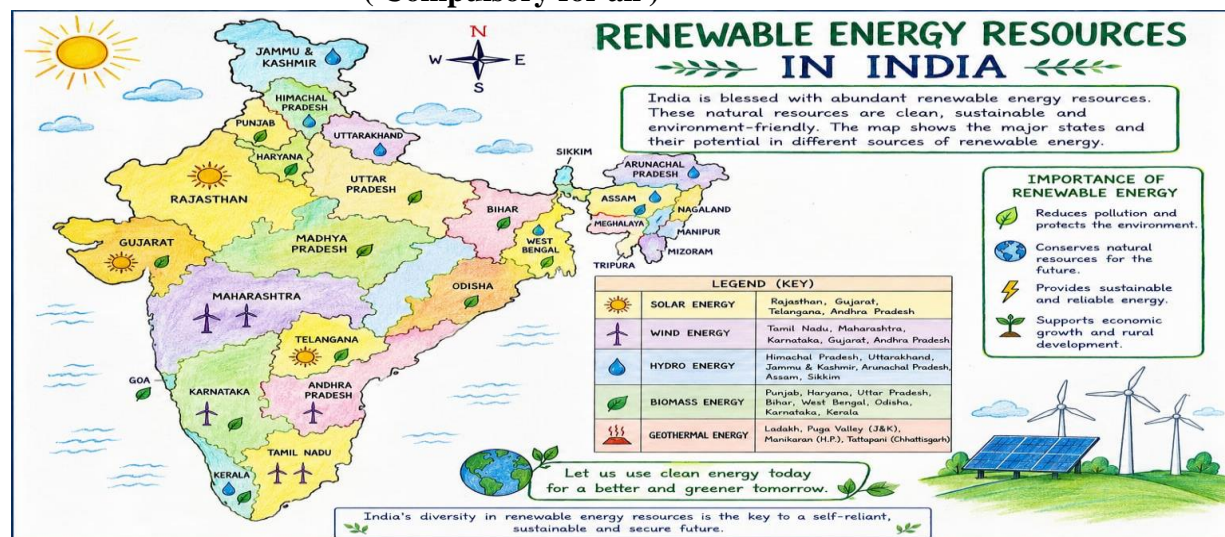
- Kindly Note That Suggested Photographs And Links For Models Or Displays Are Provided For Reference Only. You Are Encouraged To Use Your Own Creativity, Ideas And Methods To Complete The Task.
- Kindly Make Neat And Clean Models, Headings Should Be Done In Capital Letters.

3) Solve Assignment-4 Of Science (Separation Of Substances) In Your Fair Notebook

SOCIAL SCIENCE

1. Create a colourful map of India showing different renewable energy resources using suitable symbols and colours. Mark the states according to the type of renewable energy produced, such as solar energy, wind energy, hydro energy, and biomass energy. Add creative symbols, labels, and a legend to make the map attractive and informative.

(Compulsory for all)



2. Complete assignments of the chapters done in class.

Assignment no.2 : pg 4-6, Assignment no.3 : pg 7 - 9 , Assignment no.8 : pg 21- 23 and Assignment no.21 : pg 61- 63

3. Revise all the chapters done till date.

4. **Map Work: Haryana and Telangana – Comparison of Renewable and Non-Renewable Energy Sources**

Draw or paste a printed outline map of India on an A3-size sheet and mark the states of Haryana and Telangana clearly using different colours. Show the major renewable and non-renewable energy sources found in both states with the help of suitable symbols and labels.

****Renewable Energy Sources****

* Haryana – Solar Energy, Wind Energy, Biomass Energy

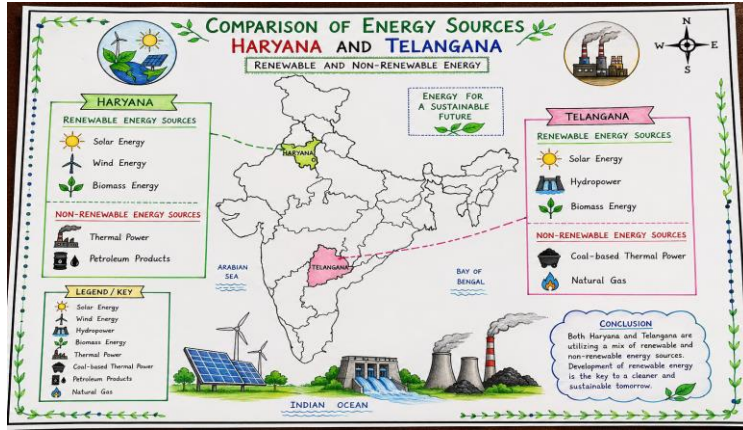
* Telangana – Solar Energy, Hydropower, Biomass Energy

****Non-Renewable Energy Sources****

* Haryana – Thermal Power, Petroleum Products

* Telangana – Coal-based Thermal Power, Natural Gas

Use different colours and creative symbols to represent each type of energy source. Add a proper title, legend/key, compass direction, and state names neatly. Decorate the sheet attractively with borders, drawings, or energy-related pictures to make the presentation visually appealing and informative.



SANSKRIT

प्रश्न - 1 - सभी छात्र **अस्मद्, युष्मद्, बालक, लता और फल** के शब्द रूप याद करेंगे और लिखकर लाएंगे। (उत्तर पुस्तिका पर या A4 साइज शीट पर)

प्रश्न - 2 - सभी छात्र धातु रूप (**लिख्, चल्, वद्, गम् लटलकार, लृटलकार, लङ्लकार**) याद करेंगे और लिखकर लाएंगे। (उत्तर पुस्तिका पर या A4 साइज शीट पर)

प्रश्न - 3- सभी छात्र 1 से लेकर 30 तक संस्कृत में सङ्ख्या याद करेंगे और लिखकर लाएंगे। (उत्तर पुस्तिका पर या A4 साइज शीट पर) और (1 से 4 तक तीनों लिङ्गो मे)

प्रश्न - 4 - छात्र (मधुरं वचनं) इस विषय पर पांच संस्कृत में श्लोक याद करके लिखकर लाएंगे।

ART & CRAFT

PROJECTS	ROLL NOS.	INSTRUCTIONS
Eco-Friendly Village Diorama	1 to 10	Complete village scene using waste materials Include river, trees, huts, people Excellent exhibition project
Paper Quilling Artwork	11 to 20	Peacock Floral Initial Letter Bharat Theme Frame it for display
DIY Tote Bag Painting	21 to 30	Fabric painting on plain cloth bags Theme: Save Earth, Indian Culture, Positivity Quotes

Moving model	Science	Craft	31 to 40	Windmill Hydraulic bridge Rotating the solar system Complete village scene using waste materials Include river, trees, huts, people Excellent exhibition project
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COMPUTER

General Instructions:

- Write Name, Class, Section & Roll Number on title slide.
- Number of Slide should be between 7 to 15.
- Mail your presentation to: charurawal14@gmail.com or Kritigarg24@gmail.com
- Note: Choose any topic from given topics
-

Project 1: Open Office Impress

Aim: Create presentations using Open Office Impress

Activity: Make and print/draw the following presentation:

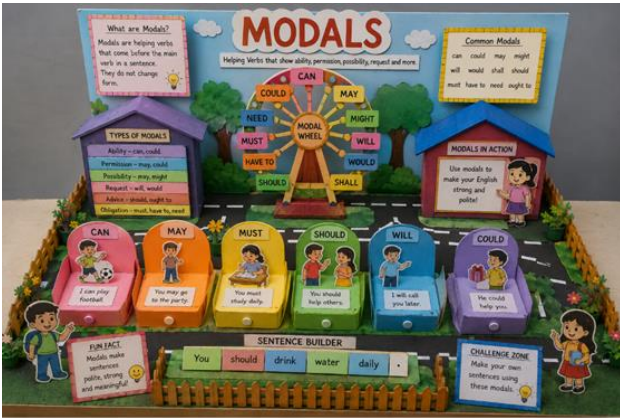
ROLL NO	PRESENTATION TOPIC
1 to 10	<ul style="list-style-type: none"> ❖ Importance of Computers in Daily Life ❖ Save Environment, Save Earth
11 to 20	<ul style="list-style-type: none"> ❖ My Favourite Freedom Fighter ❖ Uses of Artificial Intelligence in Daily Life
21 to 30	<ul style="list-style-type: none"> ❖ Digital India and Smart Technology ❖ Healthy Food vs Junk Food
31 to 40	<ul style="list-style-type: none"> ❖ Cyber Safety and Internet Security ❖ Amazing Wonders of Space and Planet

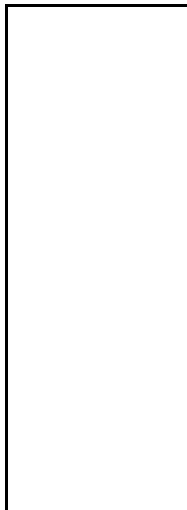
Activity: Make and print/draw the following presentation:

Students can include:

- Title slide, Pictures and animations, 5–7 informative slides, Transition effects
- Conclusion slide with “Thank You”
- **Learn Questions & Answers of:**
 - **Chapter 2 & Chapter 3**

MODELS ALLOCATION

Roll No	Subject	Model Description
1	English	<p>Model-1</p>  <p>Materials Required</p> <ul style="list-style-type: none"> Cardboard/thermocool base, Colored chart papers, Foam sheets or colored paper Small cardboard boxes, Split pin/brad pin for rotating wheel, Ice cream sticks Glue gun or fevicol, Scissors and cutter, Sketch pens and markers, Printed cartoon cut outs, Decorative flowers, grass, fencing <p>Step 1: Prepare the Base Step 2: Create the Modal Wheel Step 3: Make “Types of Modals” House</p>
	Sanskrit	<p>Model-1</p> <p>https://youtube.com/shorts/IQNXXVi0mf7M?si=gD0875hvNsgOULK8</p> <p>संसकृत ग्रन्थाः</p>
2	Hindi	<p>https://youtube.com/shorts/E7VJWdKYXFA?si=Ac6kuqKhvERiphCO</p> <p>विराम चिह्न</p>
	Science	<p>SMART IRRIGATION SYSTEM</p> <p>https://www.youtube.com/shorts/OIYLkxUHfNc</p>
3	Maths	<p>Maths in real life- counting the world</p> <p>https://drive.google.com/file/d/1wQhpa1dSo3iEeRWWsptbmfQDI101nAbK/view?usp=drivesdk</p>



NATURAL NUMBERS AND WHOLE NUMBERS
REAL LIFE CASE STUDIES

ATM CASH COUNTER MACHINE
ATM
Display Balance (Whole Number)
1,2,3,4,5,6,7,8,9,0
Withdrawal Amount (Natural Number)
1,2,3,4,5,6,7,8,9,0

CRICKET SCOREBOARD
TEAMS: TEENA, RAVI
SCORES: 128, 045
OVERS: 16, 200

BUS SEAT RESERVATION SYSTEM
Available Seat, Reserved Seat, No Seat / Empty

SMART PARKING SYSTEM
0-1-2-3-4
0 - Whole Number
1,2,3,4 - Natural Numbers

FLOOR LIFT MODEL
FLOOR: 4, 3, 2, 1, 0
0 - Grouped Floor (Whole Number)
1,2,3,4 - Upper Floor (Natural Number)

MOBILE RECHARGE COUNTER
RECHARGE AMOUNT ₹
10, 20, 50, 100, 200

ATTENDANCE COUNTER MACHINE
NO. OF STUDENTS: 013
Counting 1,2,3... - Natural Numbers
0 - No Attendance (Whole Number)

TRAFFIC SIGNAL VEHICLE COUNTER
025 09
Counting Vehicles
0,1,2,3... - Whole & Natural Numbers

MATHS IN REAL LIFE - COUNTING THE WORLD

SST

Solar powered house



4

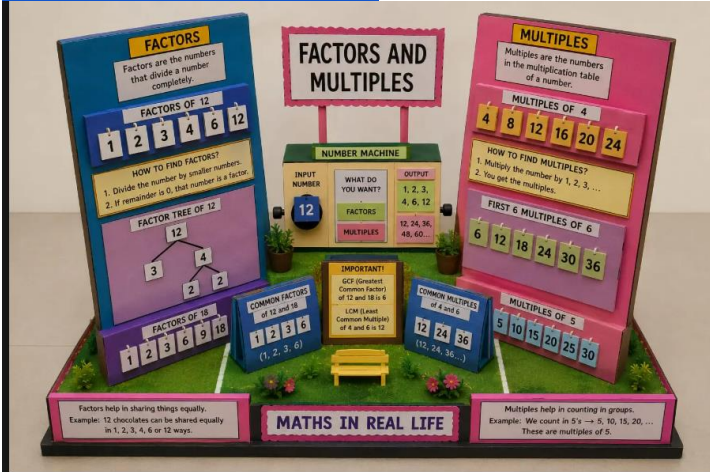
English

Model-1



Materials Required

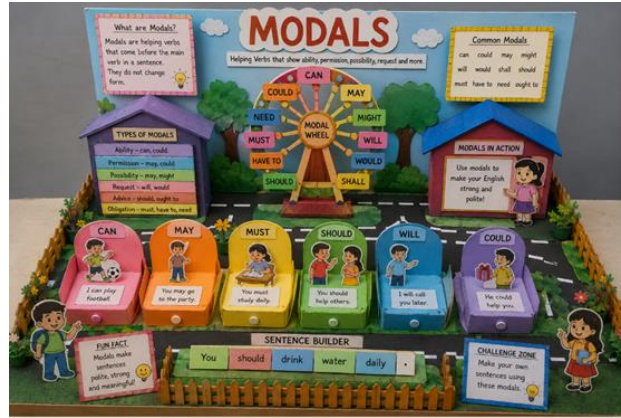
- Cardboard/thermocol base, Colored chart papers, Foam sheets or colored paper
- Small cardboard boxes, Split pin/brad pin for rotating wheel, Ice cream sticks
- Glue gun or fevicol, Scissors and cutter, Sketch pens and markers, Printed cartoon cut outs,

		<p>Decorative flowers, grass, fencing</p> <p>Steps / Procedure</p> <p>Step 1: Prepare the Base</p> <ul style="list-style-type: none"> • Take a rectangular cardboard base. • Cover it with green chart paper to create a garden/classroom look. • Add road designs using black chart paper. <p>Step 2: Create the Modal Wheel</p> <ul style="list-style-type: none"> • Cut a circular cardboard wheel. • Divide it into sections and write: Can, Could, May, Might, Must <p>Step 3: Make “Types of Modals” House</p> <ul style="list-style-type: none"> • Create a small cardboard house. • Paste strips explaining uses: Ability, Permission, Possibility, Request, Advice, Obligation
	Sanskrit	<p>Model-2</p> <p>https://youtube.com/shorts/s6qutTcped8?si=PiXZTJfQSJBCloro</p> <p>लिंक की सहायता से धातु रूप पर आधारित 3D मॉडल बनाएं।</p>
5	Hindi	<p>https://youtube.com/shorts/E7VJWdKYXFA?si=Ac6kugKhvERip_hC0</p> <p>विराम चिह्न</p>
	Science	<p>Waste Segregation Machine</p> <p>https://www.youtube.com/shorts/l9fNlz5zy94</p>
6	Maths	<p>Factors Factory</p> <p>https://drive.google.com/file/d/1MRYt4kSeTtQz2BFyYPHVq7dqsg41eLiq/view?usp=drivesdk</p> 
	SST	<p>Model-2 Windmill energy</p>



7

English



Materials Required

- Cardboard/thermocool base, Colored chart papers, Foam sheets or colored paper
Small cardboard boxes, Split pin/brad pin for rotating wheel, Ice cream sticks
Glue gun or fevicol, Scissors and cutter, Sketch pens and markers, Printed cartoon cut outs,
Decorative flowers, grass, fencing

Step 1: Prepare the Base

Step 2: Create the Modal Wheel

Step 3: Make “Types of Modals” House

Sanskrit

Model-

<https://youtube.com/shorts/0bNoXrQPbjE?si=siqGpiRbBuFs2Ldy>

मम प्रिय: विद्यालय:

8

Hindi

[https://youtube.com/shorts/ TXepsxEC08?si=11EZ2E3qTJC0115o](https://youtube.com/shorts/TXepsxEC08?si=11EZ2E3qTJC0115o)

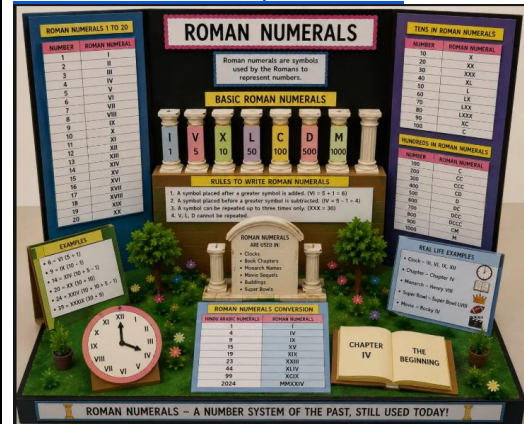
कबीर जी

Science

Hydroelectric Power Plant
<https://www.youtube.com/shorts/khp52KuYqtk>

9
Maths


Roman numerals - A number system of the past still used today.
<https://drive.google.com/file/d/1xlpGQmSk5P013DsL2OfBeT8xT81B7Q6l/view?usp=drivesdk>



SST

Model-3 Hydroelectric dam



10	English	 <p>Materials Required</p> <ul style="list-style-type: none"> Thick cardboard or circular cake base, Colored chart papers, Foam sheets, Empty tissue roll/cardboard tube, Ice cream sticks, Glue/Fevicol/hot glue gun, Scissors and cutter Sketch pens and markers, Printed labels and examples <p>Procedure / Steps</p> <p>Step 1: Prepare the Base Step 2: Make the Central Stand Step 3: Create Circular Layers Step 4: Divide the Layers Layer 1 – Article “A” Layer 2 – Article “An” Layer 3 – Article “The” Step 5: Add Rotating Feature Step 6: Decoration</p> <p>Note: For more help, use the YouTube link given below for the preparation of the model on articles https://youtu.be/yox8x0oARyU?si=eIGYD627BYKn_ErG</p>
	Sanskrit	Model- 4 https://youtube.com/shorts/ubi0ma5qafq?si=wHBUB9sV06nofduk शब्दरूपाणि
11	Hindi	Model- 4 https://youtube.com/shorts/TXepsxEC08?si=11EZ2E3qTJC0115o कबीर जी
	Science	Electric Vehicle Model https://www.youtube.com/shorts/mQTx3j2uSpY
12	Maths	Maths in real life - simplifying expression every day . https://drive.google.com/file/d/14GOqwIUCa-c3-0coHNFkflZttjhXdUzQ/view?usp=drivesdk

BODMAS

THE RULES OF OPERATION

WHAT IS BODMAS?

BODMAS is a rule that tells us the order in which we should solve mathematical expressions with more than one operation.

B BRACKETS () () () Solve the brackets first.	O OF / ORDERS (Powers and Roots) Then solve powers or roots.	D DIVISION (÷) Then do division from left to right.	M MULTIPLICATION (×) Then do multiplication from left to right.	A ADDITION (+) Then do addition from left to right.	S SUBTRACTION (-) Then do subtraction from left to right.
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ORDER OF OPERATIONS

B BRACKETS () () ()
O OF / ORDERS (Powers and Roots)
D DIVISION (÷)
M MULTIPLICATION (×)
A ADDITION (+)
S SUBTRACTION (-)

STEP-BY-STEP SOLUTION

Example: $(24 \div 4 + 2) \times 3^2 - 6$

= $(6 + 2) \times 3^2 - 6$ { Step 1: Brackets }
 = $8 \times 3^2 - 6$ { Step 2: Powers }
 = $8 \times 9 - 6$ { Step 3: Multiplication }
 = $72 - 6$ { Step 4: Subtraction }
 = 66 { Answer }

FOLLOW BODMAS AND BECOME A MATHS GENIUS!

IMPORTANT RULES

1. Always solve brackets first.
2. Then powers or roots.
3. Then division or multiplication (from left to right).
4. Then addition or subtraction (from left to right).

MORE EXAMPLES

1. $18 \div 3 \times 2 + 4 - 5$
 = $6 \times 2 + 4 - 5$
 = $12 + 4 - 5$
 = $16 - 5 = 11$
2. $2 + 3 \times 4^2 - 6 \div 3$
 = $2 + 2 \times 16 - 2$
 = $2 + 48 - 2$
 = $50 - 2 = 48$
3. $(12 - 6) \times (4 + 2) + 3$
 = $6 \times 6 + 3$
 = $36 + 3 = 12$

REAL LIFE APPLICATIONS

SHOPPING
 SHOP BILL
 $2 \times (3 + 5)$
 $= 2 \times 8 = 16$

BANKING
 $P = 1000, R = 15\%, T = 2$
 Interest = $(P \times R \times T) \div 100$
 $= (1000 \times 15 \times 2) \div 100$
 $= 300$

SPEED CALCULATION
 Speed = Distance ÷ Time
 $= (120 \div 2) \div 10$
 $= 60 \times 10 = 70 \text{ km/h}$

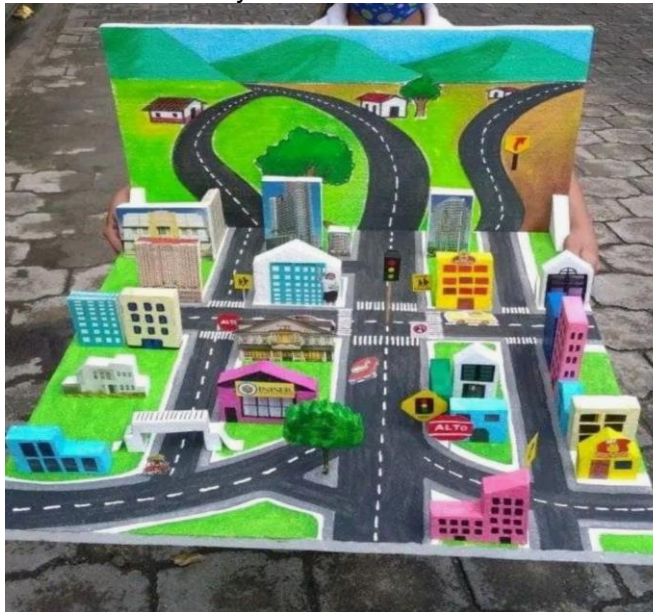
COOKING RECIPE
 $(2 \times 3) \times 2 \text{ cups}$
 $= 6 \times 2 = 10 \text{ cups}$

CONSTRUCTION
 Length = Breadth $\times 2$
 $= (20 \times 10) \times 2$
 $= 30 \times 2 = 60 \text{ m}$

★ **MATHS IN REAL LIFE – SIMPLIFYING EXPRESSIONS EVERY DAY** ★

SST


Model-4 Smart city



13

English



		<p>Materials Required</p> <ul style="list-style-type: none"> Thick cardboard or circular cake base, Colored chart papers, Foam sheets, Empty tissue roll/cardboard tube, Ice cream sticks, Glue/Fevicol/hot glue gun, Scissors and cutter Sketch pens and markers, Printed labels and examples <p>Procedure / Steps Step 1: Prepare the Base Step 2: Make the Central Stand Step 3: Create Circular Layers Step 4: Divide the Layers Layer 1 – Article “A” Layer 2 – Article “An” Layer 3 – Article “The” Step 5: Add Rotating Feature Step 6: Decoration</p> <p>Note: For more help, use the YouTube link given below for the preparation of the model on articles https://youtu.be/yox8x0oARyU?si=eIGYD627BYKn_ErG</p>
	Sanskrit	<p>लिंक की सहायता से संस्कृत में अति प्रयुक्त शब्दों पर आधारित 3D मॉडल बनाएं।</p> <p>https://youtu.be/OM2I00E9c0w?si=FzoX9eCogGdmlur</p>
14	Hindi	<p>https://youtube.com/shorts/_TXepsxEC08?si=11EZ2E3qTJC0115o कबीर जी</p>
	Science	<p>Water Purification System https://www.youtube.com/shorts/EWhct2tz9uo</p>
15	Maths	<p>Maths in real life- counting the world https://drive.google.com/file/d/1wQhpa1dSo3iEeRWWsptbmfQDI101nAbK/view?usp=drivesdk</p> 
	SST	<p>Model -5 Bio gas plant</p>



16

English



Materials Required

- Thick cardboard or circular cake base, Colored chart papers, Foam sheets, Empty tissue roll/cardboard tube, Ice cream sticks, Glue/Fevicol/hot glue gun, Scissors and cutter Sketch pens and markers, Printed labels and examples

Procedure / Steps

- Step 1: Prepare the Base
- Step 2: Make the Central Stand
- Step 3: Create Circular Layers
- Step 4: Divide the Layers
- Layer 1 – Article “A”
- Layer 2 – Article “An”
- Layer 3 – Article “The”
- Step 5: Add Rotating Feature
- Step 6: Decoration

https://youtu.be/yox8x0oARyU?si=eLGYD627BYKn_ErG

Sanskrit

लिंक की सहायता से संस्कृत में अति प्रयुक्त शब्दों पर आधारित 3D मॉडल बनाएं।

<https://youtu.be/OM2I00E9c0w?si=FzoX9eCogGdmblur>

17 Hindi <https://youtube.com/shorts/GcPQFTP8BI8?si=7cnt92KN5rBZl8LW>
कारक चिह्न

Science SMART IRRIGATION SYSTEM
<https://www.youtube.com/shorts/OIYLkxUHFnc>

18 Maths Divisibility makes maths easy.
<https://drive.google.com/file/d/1RBIBEqkMyKW9T-ke-1IH0H424AuedOKf/view?usp=drivesdk>

HOW TO USE

- Check the number using the rules.
- If the rule is satisfied, the number is divisible.
- If the rule is not satisfied, the number is not divisible.

NUMBER	TEST FOR	WORKING	DIVISIBLE?
246	2	Last digit is 6 (even)	YES
123	3	1 + 2 + 3 = 6 (divisible by 3)	YES
124	4	Last two digits 24 ÷ 4 = 6	YES
135	5	Last digit is 5	YES
126	6	Divisible by 2 and 3	YES
147	7	14 - (2 × 7) = 0 (divisible by 7)	YES
128	8	Last three digits 128 ÷ 8 = 16	YES
999	9	9 + 9 + 9 = 27 (divisible by 9)	YES
960	10	Last digit is 0	YES
121	11	(1 - 1) - 2 = 0 (divisible by 11)	YES

QUICK CHECK TABLE

DIVISOR	KEY POINT
2	Last digit even
3	Sum of digits ÷ 3
4	Last two digits ÷ 4
5	Last digit 0 or 5
6	Divisible by 2 and 3
8	Sum of digits ÷ 8
9	Sum of digits ÷ 9
10	Last digit 0

FUN FACTS

- 0 is divisible by every non-zero number.
- 1 is divisible by only itself.
- Every number is divisible by 1.

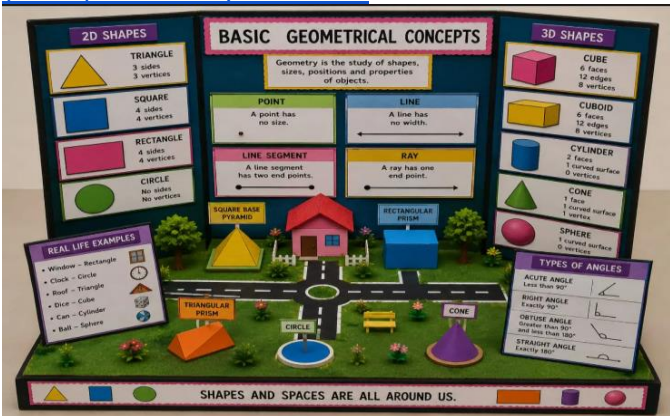

★ DIVISIBILITY MAKES MATHS EASY! ★

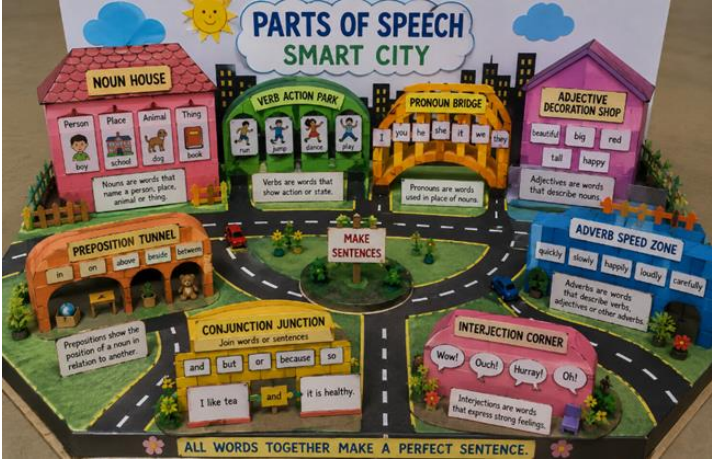
SST Model - 6 Rain water harvesting <https://pin.it/5VBXRzo41>

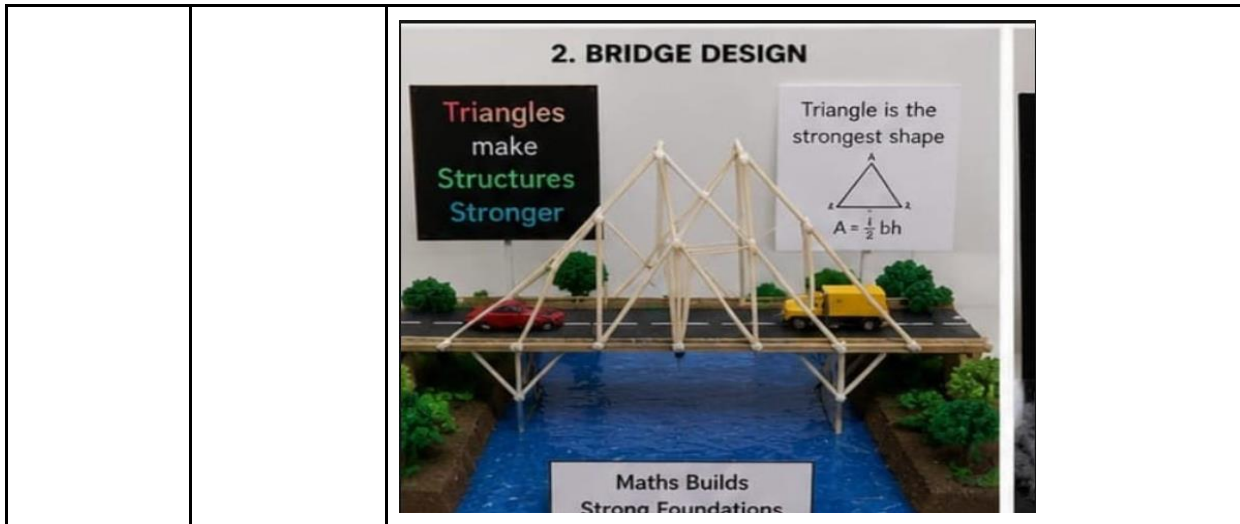
19 English

ALL WORDS TOGETHER MAKE A PERFECT SENTENCE.

Step 1: Prepare the Base
Step 2: Create Different Buildings/Zones

		<ul style="list-style-type: none"> ● Make colorful 3D cardboard buildings for each part of speech. ● 1. Noun House ● 2. Verb Action Park ● 3. Pronoun Bridge ● 4. Adjective Decoration Shop ● 5. Adverb Speed Zone ● 6. Preposition Tunnel ● 7. Conjunction Junction ● 8. Interjection Corner
	Sanskrit	<p>लिंक की सहायता से संस्कृत में अति प्रयुक्त शब्दों पर आधारित 3D मॉडल बनाएं।</p> <p>https://youtu.be/OM2I00E9c0w?si=FzoX9eCogGdmlbur</p>
20	Hindi	<p>https://youtu.be/avVPh-spHp4?si=NjoG2GD5jrVJjxBk</p> <p>सर्वनाम</p>
	Science	<p>Waste Segregation Machine</p> <p>https://www.youtube.com/shorts/l9fNlz5zy94</p>
21	Maths	<p>Shapes and spaces all around us</p> <p>https://drive.google.com/file/d/1Li8N3g4mAWQdeZfEgBvfYpJc_zye2ayn/view?usp=drivesdk</p> 
	SST	<p>Model - 7 Traffic light management</p> 

22	English	 <p>Materials Required</p> <ul style="list-style-type: none"> Thick cardboard or thermocol base, Colored chart papers, Foam sheets, Small cardboard boxes/cartons, Ice cream sticks, Black chart paper (for roads), Glue/Fevicol/glue gun, Scissors and cutter, Sketch pens and markers, Printed pictures and word labels, Decorative items (flowers, fences, toy cars, trees) <p>Procedure / Steps</p> <p>Step 1: Prepare the Base</p> <p>Step 2: Create Different Buildings/Zones</p> <p>Make colorful 3D cardboard buildings for each part of speech.</p> <p>1. Noun House 2. Verb Action Park 3. Pronoun Bridge 4. Adjective Decoration Shop 5. Adverb Speed Zone 6. Preposition Tunnel 7. Conjunction Junction 8. Interjection Corner</p>
	Sanskrit	<p>लिंक की सहायता से संस्कृत में अति प्रयुक्त शब्दों पर आधारित 3D मॉडल बनाएं।</p> <p>https://youtu.be/OM2l00E9c0w?si=FzoX9eCogGdmlur</p>
23	Hindi	<p>https://youtube.com/shorts/E7VJWdKYXFA?si=Ac6kuqKhvERjphC0</p> <p>विराम चिह्न</p>
	Science	<p>Hydroelectric Power Plant</p> <p>https://www.youtube.com/shorts/khp52KuYqtk</p>
24	Maths	<p>Maths builds a strong foundation.</p> <p>https://drive.google.com/file/d/1HWwUjd9ZC1fIRGTapq3POXy0taiSR-67/view?usp=drivesdk</p>



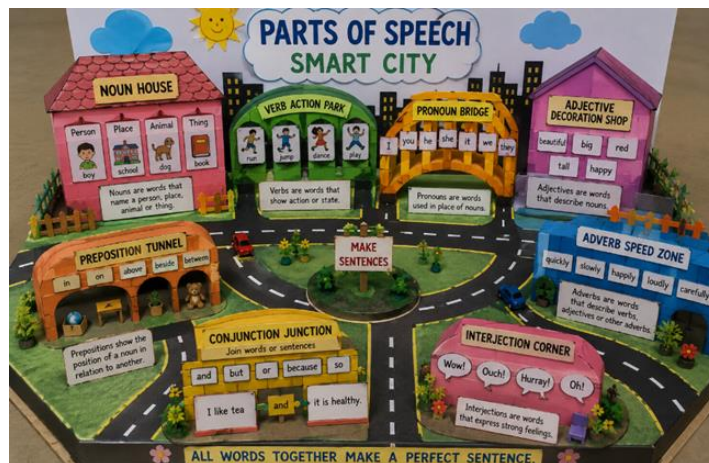
SST

Model - 8 Metro rail transportation model



25

English

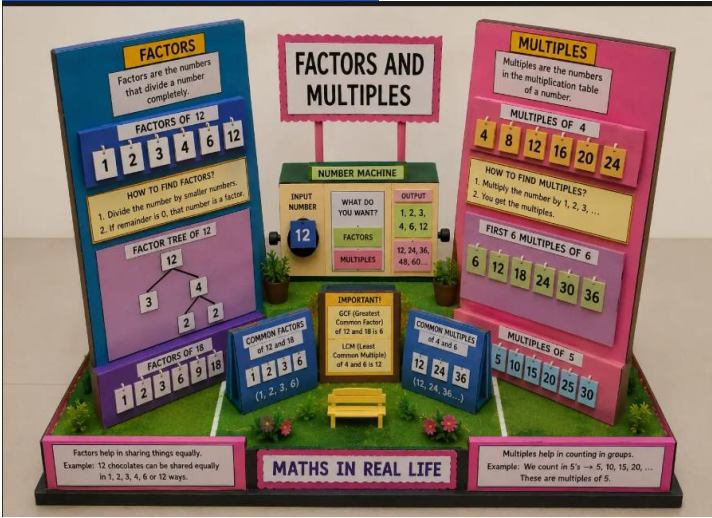



Materials Required

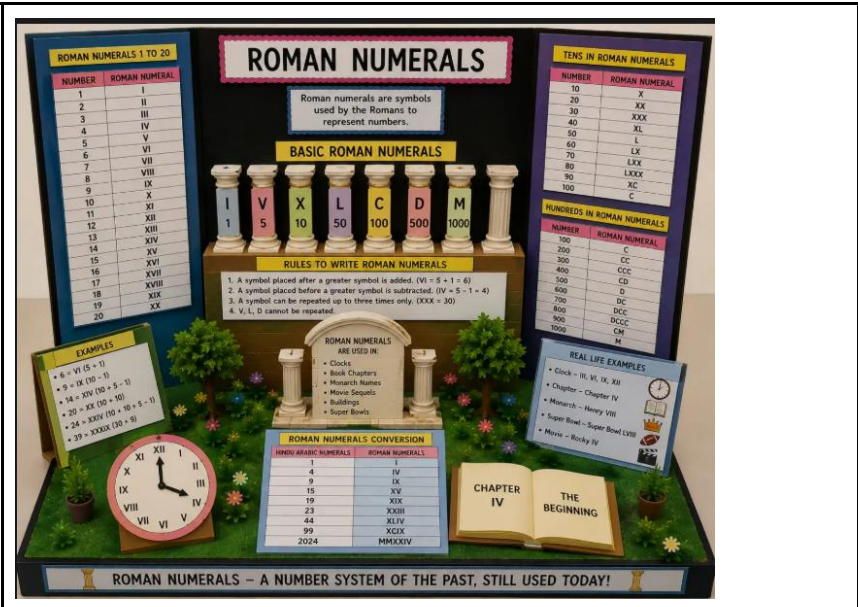
- Thick cardboard or thermocol base, Colored chart papers, Foam sheets, Small cardboard boxes/cartons, Ice cream sticks, Black chart paper (for roads), Glue/Fevicol/glue gun, Scissors and cutter, Sketch pens and markers, Printed pictures and word labels, Decorative items (flowers, fences, toy cars, trees)

Procedure / Steps

Step 1: Prepare the Base

		<p>Step 2: Create Different Buildings/Zones Make colourful 3D cardboard buildings for each part of speech.</p> <ol style="list-style-type: none"> 1. Noun House 2. Verb Action Park 3. Pronoun Bridge 4. Adjective Decoration Shop 5. Adverb Speed Zone 6. Preposition Tunnel 7. Conjunction Junction 8. Interjection Corner
	Sanskrit	<p>Model- https://youtube.com/shorts/s6qutTcped8?si=PiXZTJfQSJBClor o लिंक की सहायता से धातु रूप पर आधारित 3D मॉडल बनाएं।</p>
26	Hindi	<p>https://youtube.com/shorts/E7VJWdKYXFA?si=Ac6kuqKhvERjphCO विराम चिह्न</p>
	Science	<p>Electric Vehicle Model https://www.youtube.com/shorts/mQTx3j2uSpY</p>
27	Maths	<p>Factors Factory https://drive.google.com/file/d/1MRYt4kSeTtQz2BFyYPHVq7dqsg41eLiq/view?usp=drivesdk</p> 
	SST	<p>Model - 9 Smart roads and fly over https://pin.it/1LabUO7xD</p> <p>Materials Required</p> <ul style="list-style-type: none"> • Thick cardboard or foam board, Colored chart papers (black, yellow, orange, green, pink), Cardboard roll/cylindrical box, Ice cream sticks or wooden sticks, Glue/Fevicol/hot glue gun, Scissors and cutter, Sketch pens and markers, Decorative stickers/borders, Printed labels of adverbs.

	ENGLISH	<p>Step 1: Prepare the Base Step 2: Make the Stand Step 3: Create the Rotating Cylinder Step 4: Add Rotating Mechanism Step 5: Divide the Cylinder into Sections</p>
28	English	 <p>https://youtu.be/MGevxiHX6-U?si=yex_rhg4vRKTsDOI</p>
	Sanskrit	<p>https://youtu.be/0d6Z91LBOvY?si=sH-MF6lz3nABQz4N लिंक की सहायता शब्द रूप पर आधारित 3D मॉडल बनाएं।</p>
29	Hindi	<p>https://youtube.com/shorts/E7VJWdKYXFA?si=Ac6kuqKhvERjp_hC0 विराम चिह्न</p>
	Science	<p>Water Purification System https://www.youtube.com/shorts/EWhct2tz9uo</p>
30	Maths	<p>Roman numerals - A number system of the past still used today. https://drive.google.com/file/d/1xlpGQmSk5P013DsL2OfBeT8xT81B7Q6l/view?usp=drivesdk</p>



SST



31

English


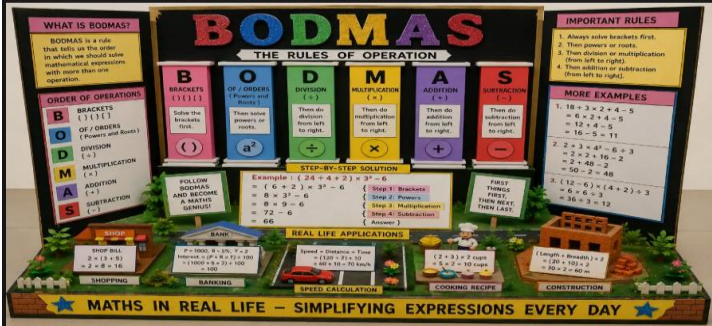

Model - 10 Airport transportation model


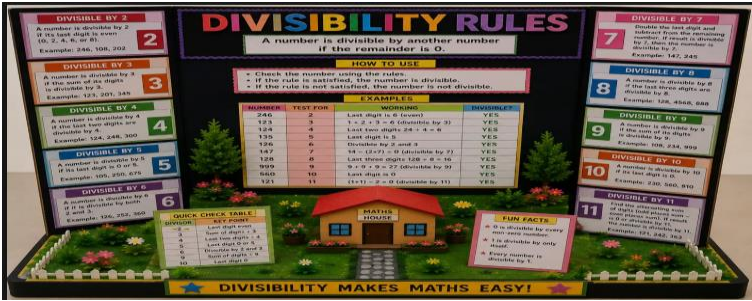
Materials Required

- Thick cardboard or foam board, Colored chart papers (black, yellow, orange, green, pink), Cardboard roll/cylindrical box, Ice cream sticks or wooden sticks, Glue/Fevicol/hot glue gun, Scissors and cutter, Sketch pens and markers, Decorative stickers/borders, Printed labels of adverbs.

Procedure / Steps

Step 1: Prepare the Base
 Step 2: Make the Stand
 Step 3: Create the Rotating Cylinder
 Step 4: Add Rotating Mechanism
 Step 5: Divide the Cylinder into Sections

31	English	 <p>https://youtu.be/MGevxiHX6-U?si=yex_rhg4vRKTsDOI</p>
	Sanskrit	<p>https://youtube.com/shorts/W-D2wHe2yq0?si=AtjRc1E9erfY14dF लिंक की सहायता से कारक चिह्नो पर 3D मॉडल बनाएं।</p>
32	Hindi	<p>https://youtube.com/shorts/GcPQFTP8BI8?si=7cnt92KN5rBZI8LW कारक चिह्न</p>
	Science	<p>SMART IRRIGATION SYSTEM https://www.youtube.com/shorts/OIYLkxUHFnc</p>
33	Maths	<p>Maths in real life - simplifying expression every day . https://drive.google.com/file/d/14GOqwiUCa-c3-0coHNFKfIZtjhxUzQ/view?usp=drivesdk</p> 
	SST	<p>Model - 11 Electric vehicle charging station</p>  <p>https://pin.it/3oerCa7i1</p>

34	English	 <p>Step 1: Prepare the Base Step 2: Make the Stand Step 3: Create the Rotating Cylinder Step 4: Add Rotating Mechanism Step 5: Divide the Cylinder into Sections https://youtu.be/MGevxiHX6-U?si=yex_rhg4vRKTsDOI</p>
35	Sanskrit	<p>Model- 4https://youtube.com/shorts/ubi0ma5qafg?si=wHBUB9sV06nofduk शब्दरूपाणि</p>
36	Hindi	<p>https://youtu.be/avVPh-spHp4?si=NjoG2GD5jrVJjxBk सर्वनाम</p>
37	Science	<p>Hydroelectric Power Plant https://www.youtube.com/shorts/khp52KuYqtK</p>
38	Maths	<p>Divisibility makes maths easy. https://drive.google.com/file/d/1RBIbEqkMyKW9T-ke-1IH0H424AuedOKf/view?usp=drivesdk</p> 
39	SST	<p>Model - 12 Bullet train https://pin.it/72Pn6DDsP</p> 