

Class VII
HOLIDAYS HOMEWORK

Dear Students,

Holidays are not just a break from school, but a chance to learn in a joyful and stress-free way. This holiday homework is an opportunity for you to explore your abilities, think creatively, and strengthen your understanding of different subjects.

Always remember that success comes with regular practice and proper planning. Start your work early, divide it into small tasks, and complete it step by step. Keep your work neat, organized, and presentable. Do your work independently and give your best effort in every task.

Stay curious, keep learning, and make the most of your holidays in a productive way.

“Small steps taken every day lead to big achievements.”

Best Wishes for a Happy and Productive Holiday!

COMPULSORY FOR ALL

SUBJECT	TOPIC
ENGLISH	<p style="text-align: center;">WORK / ACTIVITY : Instructions:</p> <p>All written work must be done neatly on A4 size sheets. Compile all work creatively in a Holiday Portfolio folder. Use colours, drawings, borders, and pictures to make your work attractive. This homework is compulsory for all students and will be assessed.</p> <p>Q1: Creative Writing Task (120–150 words each) Write paragraphs on any THREE of the following:</p> <ul style="list-style-type: none">a) An Incident from Monkey Trouble That I Found Interestingb) What the Poem Birdie, Will You Pet? Teaches Us About Naturec) People at Work – The Role of Different Workers in Our Life (Based on Reader Unit I)d) If I Could Talk to Animals, What Would I Say?e) My Dream Job and Why I Want to Choose It <p>Q2: Integrated Literature + Grammar + Writing Task (100–120 words each) Attempt any THREE of the following:</p> <ul style="list-style-type: none">a) Write a diary entry as the monkey from Monkey Trouble, describing one day of its adventure.b) Imagine you are the bird from Birdie, Will You Pet?. Write a short paragraph

	<p>expressing your feelings about humans.</p> <p>c) Write a notice (50 words) for your school board informing students about a "Visit to a Workplace" (factory/office/hospital).</p> <p>d) Write a short paragraph using at least 5 correct articles (a, an, the) on the topic: A Visit to a Busy Market.</p> <p>e) Describe any one worker (doctor, teacher, gardener, etc.) and explain why their work is important.</p>
HINDI	<p style="text-align: center;">कार्य-</p> <p>कक्षा में किया गया सारा कार्य दोहराएँ तथा ज्ञान सागर से प्रतिदिन पाँच शब्द अर्थ सहित एक अलग कॉपी में लिखें।</p> <p>**निम्नलिखित कार्य A4 साइज शीट पर रंग बिरंगे व आकर्षक ढंग से करें तथा हिंदी पोर्टफोलियो में लगाएँ।</p> <ol style="list-style-type: none"> 1) समय के महत्व पर आधारित पाँच दोहे या पाँच सूक्तियां चित्र सहित लिखिए। 2) अपनी मनपसंद कहानी की किताब का कवर पेज बनाएँ तथा उसका सारांश शिक्षा सहित लिखें
MATHS	<p>Complete the following fun and challenging holiday homework to keep your math skills sharp!</p> <p>Points To Remember-</p> <p>Use eco-friendly material wherever models or charts are required. Make sure your presentation is neat and well-labelled. Do the following question in a separate notebook.</p> <p style="text-align: center;">Part A</p> <ol style="list-style-type: none"> 1. Write the following rational numbers in standard form: a) $-16/28$ b) $36/-48$ c) $-92/-18$ 2. Write the next equivalent rational number: a) $-3/7$ b) $-2/4$ 3. Compare the following rational numbers: a) $-2/7$ and 0 b) $2/7$ and 0 c) $2/11$ and $1/3$ 4. Arrange in descending order: $-2/7, 7/8, 2/3, 5/6$ 5. Arrange in ascending order: $7/9, 2/5, -5/6$ 6. Insert 5 rational numbers between $-1/2$ and $3/2$. 7. Fill in the blanks: a) $-2/3, \underline{\quad}, 5/7$ b) $-3/8, \underline{\quad}, -7/4$ c) $-2/7, \underline{\quad}, 12/8$ d) $-3/7, \underline{\quad}, -2/7$ e) $-2/3, \underline{\quad}, -3/6$ 8. Draw the following on the number line: a) $3/5$

- b) $10/7$
c) $3 \frac{1}{3}$
9. Simplify the following:
 - a) $-5/12 + 5/18 - 7/24$
 - b) $-3/5 - (-4/15) - 7/10 + 9/25$
 10. The sum of the two numbers is $-4/3$. If one of them is -5 , find the other.
 11. Verify $x + y = y + x$ for:
 - a) $x = -3/14, y = -1/21$
 - b) $x = 7/15, y = -4/25$
 12. Verify $x \div y \neq y \div x$ by taking $x = 3/2, y = -4/5$
 13. Multiply and express in standard form:
 - a) $-6/11 \times -55/36$
 - b) $-5/9 \times 72/125$
 14. For $x, y,$ and $z,$ find $(x \times y) \times z$ and $x \times (y \times z)$ and check if they're equal:
 - a) $x = -3/14, y = -7/16, z = 2/9$
 - b) $x = -4/7, y = -5/24, z = 8/25$
 15. Find the reciprocal of $(4/3 \times -9/16)$
 16. Verify $(x \times y)^{-1} = x^{-1} \times y^{-1}$ for $x = -7/4, y = 5/4$
 17. The product of two rational numbers is $-28/81$. If one number is $14/27,$ find the other.
 18. What number should be added to $-5/11$ to get $26/33$?
 19. Find three rational numbers between $-7/11$ and $13/11$.
 20. Verify
 - a) $x + (y + z) = (x + y) + z$: a) $x = 4/3, y = -5/6, z = -7/9$
 - b) $x = -8/25, y = 3/10, z = 2/15$

Part B

- A. Practice all Brain Teaser questions from Chapter 1,2,3.
- B. Solve
 1. Subtract:
 - a) $3/4 - 1/2$
 - b) $2/3 - 1/6$
 2. Multiply:
 - a) $1/2 \times 3/4$
 - b) $2/3 \times 3/5$
 3. Divide:
 - a) $1/2 \div 3/4$
 - b) $2/3 \div 4/5$
 4. A water tank can hold $3/4$ litre. If it already contains $1/2$ litre, how much more can be filled?
 5. A bookshelf has 12 books. If $3/4$ are fiction, how many fiction books are there?
 6. Simplify: $(1/2 + 1/3) \times (2/3 - 1/4)$
 7. Solve for x : $2/3 \times x = 4/5$
 8. Chocolate Chip Cookies: A recipe needs $3/4$ cup of sugar. How much sugar for half the recipe?
 9. Fruit Salad: Needs $2/3$ cup of pineapple, $1/2$ cup of grapes. What is needed for 1.5x the recipe?
 10. Cake Recipe: Needs $1 \frac{3}{4}$ cups flour. How much for $3/4$ of the recipe?
 11. Pancake Recipe serves 4 using $2 \frac{1}{2}$ cups flour. How much flour for 6

	<p>people?</p> <p>12. Trail Mix Recipe needs 1/4 cup nuts and 1/2 cup fruits. How much for 2.5x the recipe?</p>
SCIENCE	<p>Make a nice, colourful & presentable paper presentation on the given topics</p> <ol style="list-style-type: none"> 1) Modes of Nutrition (Roll no.1 to 10) 2) Modes of heat transfer (Roll no.11 to 20) 3) Acid & bases (Roll no. 21 to 30) 4) Mind Map on the topic Ch-2 Nutrition in the living organisms (R.no. 31 to 40) 5) Make a poster on the topic “ World Environment Day “(R. no. 41 to 50)
SOCIAL SCIENCE	<p>Learn L- 9, 10, 18 &19 thoroughly.</p> <p>Instructions: All written work must be done neatly on A4 size sheets. Compile all work creatively in a Holiday Portfolio folder. Use colours, drawings, borders, and pictures to make your work attractive. This homework is compulsory for all students and will be assessed.</p> <p style="text-align: center;"><u>Project Activities</u></p> <p style="text-align: center;"><u>Project 1</u></p> <ol style="list-style-type: none"> 1. Make a poster on any one Historical Monument of South India built in the Medieval Period. Also write ways to conserve them. (Do it on A-3 size Sheet) (Consult L-10) <p style="text-align: center;"><u>Project 2</u></p> <ol style="list-style-type: none"> 1. Prepare a questionnaire of 5 to 7 questions related to the role of media. 2. Interview at least 5 people (family members, neighbours, or friends). 3. Ask them your questions and note down their answers briefly. 4. Based on the responses, write a report in about 150 words. <p style="text-align: center;"><u>Your report should include:</u></p> <ol style="list-style-type: none"> 1. Introduction (what is media) 2. Findings from your interviews 3. Conclusion (your opinion about the role of media) <p style="text-align: center;"><u>Instructions:</u></p> <ol style="list-style-type: none"> 1. Write neatly using A-4 size Sheets. 2. Be respectful while interviewing people
SANSKRIT	<p>कार्य(2026-2027)</p> <p>छात्रों को सुखदभविष्य की परमपिता परमेश्वर से मंगलमय शुभकामनाएं आप परिवार सहित सुखी व आनंदित रहें।</p>

	<p>1:- अनुक्रमांक 1 से 10 तक पंचतंत्र पुस्तक से संस्कृत भाषा में दो शिक्षाप्रद कहानी लिखें।</p> <p>2:- अनुक्रमांक 11 से 20 तक(विद्या) विषय को आधार मानते हुए 5 श्लोक संस्कृत में लिख कर अर्थ सहित लिखें।</p> <p>3:- अनुक्रमांक 21 से 30 तक सभी छात्र(उद्यानम्) विषय पर संस्कृत भाषा में पृथ्वी दिवस को आधार मानते हुए ,संस्कृत में । निबंध लिखें।</p> <p>4:- अनु क्रमांक 31 से 40 तक(मम प्रिय विद्यालय :)विषय पर संस्कृत में निबंध लिखें।</p> <p>5:-सभी छात्र "आगच्छ!भोजनं कुर्याम "के अनुसार भोजन से प्राप्त होने वाले विटामिन, प्रोटीन, वसा, खनिजपदार्थ आदि को लेकर एक आर्ट सीट पर चार्ट बनाओ।</p> <p>6: अनुक्रमांक 41 से अंत तक सभी छात्र (मम प्रिय मित्रम् ,या मम प्रियं पुस्तकम्) विषय पर संस्कृत भाषा में निबंध लिखें।</p> <p>नोट सभी छात्र अपना कार्य ¼ सीट पर सुंदर चित्रों सहित में करें।</p>
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Model work

FOR STUDENTS OF VII A

Prepare a model according to the roll number allotted-

{Note- Try to use recycled material or any other eco-friendly material. Do not use Thermocol}

Instructions for Science Model Work: Rubric

1. ***Innovation*: 5 marks** – New idea or twist on existing
2. ***Working*: 5 marks** – Does it actually demonstrate the concept
3. ***Explanation*: 5 marks** – Can student explain science behind it
4. ***Presentation*: 5 marks** – Neatness, viva, data recorded

Roll Nos.	Subject	Model	Subject	Model
1 to 10	English	Character & Creature Booklet Prepare a booklet on: The monkey from Monkey Trouble OR The bird from Birdie, Will You Pet? Include: Description Behaviour/qualities Message learnt Add drawings or pictures.	Science	Solar Water Heater Model* *Chapter:* Heat *Materials:* Shoe box, black paper, plastic wrap, small bottle, thermometer *What it shows:* How black surfaces absorb heat + greenhouse

				effect. Measure temp difference in 30 min. *Innovation:* Add a foil reflector flap to boost heating. Kids love the "real working" feel.
11 to 20	English	Article Fun Chart Make a colourful chart on Articles (a, an, the). Include: Rules with examples 10 self-made sentences Illustrations to explain usage	Science	Balloon-Powered Car* *Chapter:* Motion & Time *Materials:* Plastic bottle, straws, skewers, balloon, bottle caps *What it shows:* Newton's 3rd Law + conversion of potential to kinetic energy
21 to 30	English	People at Work Collage Make a collage on "People at Work" (Reader Unit I). Include: At least 5 different workers Their roles 4–5 lines description for each Use pictures/drawings.	Science	DIY Stethoscope + Heart Rate Study* *Chapter:* Respiration in Organisms *Materials:* Funnel, balloon, tube *What it shows:* Listen to the heartbeat. Record pulse after sitting, walking, running for 1 min *Innovation:* Make a bar graph: Activity vs BPM. Explain why heart rate changes.
31 to 40	English	Poem Illustration Write the poem Birdie, Will You Pet? neatly and: Draw scenes from the poem	Science	Electromagnet Crane*

		Write the central idea in 5–6 lines Highlight any 4 meaningful words and explain them		<p>*Chapter:* Electric Current & Effects</p> <p>*Materials:* Iron nail, copper wire, 6V battery, paper clips</p> <p>*What it shows:* Magnetic effect of current</p> <p>*Innovation:* How many paper clips can it lift? Change no. of coils & plot graph</p>
41 to 50	English	Create a model Notice Board on A4 sheets. Include 2–3 notices on topics like: School event Lost and found Competition Decorate it creatively.	Science	<p>Smart Plant Watering Alarm*</p> <p>*Chapter:* Transportation in Plants + Electricity</p> <p>*Materials:* 9V battery, buzzer, 2 nails, soil in pot</p> <p>*What it shows:* Dry soil breaks circuit → buzzer rings. Wet soil conducts → silent</p> <p>*Innovation:* Real-world use for vacations. Calibrate for different soil types</p>

Model work

FOR STUDENTS OF VII B

Prepare a model according to the roll number allotted-

Social Science: {Note- Use recycled material or any other eco-friendly material. Do not use Thermocol}

The model should bear Catchy Captions.

<u>Roll Nos.</u>	<u>Subject</u>	<u>Model</u>	<u>Subject</u>	<u>Model</u>
1 to 10	Social Science	Major Landforms OR Different spheres of the earth OR Stages of a River OR Interior of the Earth	English	From L-Monkey Trouble Convert a scene from the story into a dialogue/script. Include: A conversation between the monkey and the narrator/any character (12–15 lines) Use proper punctuation and format of dialogue writing Show feelings (fear, fun, mischief, etc.) Give a creative title Creative Part: Present it like a comic strip or play script Add drawings/speech bubbles Highlight any 5 describing words and write their meanings
11 to 20	Social Science	Best out of waste model OR Soil Conservation OR Rain water harvesting system OR	Hindi	"अनेक शब्दों के लिए एक शब्द" – विषय पर दो चकरियों का प्रयोग करते हुए एक हैंड - रोटेटिंग मॉडल बनाएँ उदाहरण - जो कभी नहीं मरता = अमर रात में घूमने वाला = निशाचर ,आदि
21 to 30	Social Science	Different Soil Types OR Rock Cycle OR Types of Minerals OR Layers of Atmosphere	Maths	Maths Draw a "city" on chart paper using only geometrical shapes. Rules: Houses = triangles + squares, Sun = circle, Roads = parallel lines, Trees = symmetrical shapes. Label: all angles, types of triangles, parallel/perpendicular lines used. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.
<u>31 to 40</u>	Social Science	Mechanism of Rainfall OR Layers of Soil OR Biosphere OR any one Historical Monument of India	Social Science	Any one Historical Monument of India built in Medieval Period

41 to 50	Social Science	Rain Gauge Instrument OR Windwane OR Barometer OR Thermometer	Science	Structure of Flower Use dried leaves, petals, paper and clay to build a 3D flower model with labeled parts (stigma, anther, ovary) https://youtu.be/sYClOWmL73E?feature=shared

Model work FOR STUDENTS OF VII C

Prepare a model according to the roll number allotted-

**हिन्दी : आवश्यक नोट- उपरोक्त कार्य आंतरिक मूल्यांकन हेतु जाँचा जाएगा ,इसलिए
आपका मॉडल आकर्षक, सृजनात्मक तथा कलात्मक ढंग से बना हुआ होना चाहिए ।**

Maths:

Note:

Do your work neatly.

Label Everything.

Write procedures, (how you made it, what it shows)

Use eco-friendly materials only.

Laminate and cover with cellophane.

You will be asked to present and explain your project.

Enjoy your learning journey and have a mathematical summer!

Roll No.	Subject	Model	Subject	Model
1 to 10	Hindi	मेरी हिंदी व्याकरण की दुनिया” 3D फ्लिप बुक मॉडल* संज्ञा ,सर्वनाम, विशेषण, क्रिया आदि की परिभाषा तथा भेदों को स्पष्ट करती और	Maths	Integers Model: +/- Number Line with Counters* Concept*: Addition & subtraction of integers. How to make*: Draw a big number line on cardboard. Use red

		व्याकरण के नियमों को दर्शाती हुई एक 'व्याकरण कुटीर' 3D मॉडल के रूप में बनाएँ।		buttons for negative, blue for positive. Show $(-3) + (+5)$ by starting at -3 and moving 5 steps right. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.
11 to 20	Hindi	मुहावरेदार पेड़" - 3D ट्री मॉडल* 'मुहावरे भाषा का श्रृंगार' मुहावरे एवं उनके अर्थ लिखते हुए तथा उससे संबंधित चित्र चिपकाते हुए एक मॉडल तैयार कीजिए।	Maths	Fractions: Pizza/Fraction Wheel* Concept*: Equivalent fractions, addition of fractions. How to make*: Cut 3-4 circles from chart paper. Divide into $1/2$, $1/4$, $1/8$ slices. Overlap to show $1/2 = 2/4 = 4/8$. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.
21 to 30	Hindi	विलोम शब्द का खेल" - वर्किंग मॉडल* 'शब्द घुमाओ, ज्ञान बढ़ाओ' दो चकरियाँ बनाते हुए विलोम शब्दों का एक वर्किंग मॉडल तैयार कीजिए।	Maths	Lines & Angles: Working Angle Model* Concept*: Types of angles, angle pairs, parallel lines. How to make*: Fix 2 cardboard strips with a split pin to show rotating angles. Add a transversal with a third strip. Label corresponding, alternate, co-interior angles. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.
31 to 40	Hindi	मेरे सपनों का भारत" - चार्ट + मॉडल*	Maths	Triangle Properties: Angle Sum Property Model* Concept*: Sum of angles

		<p>‘प्रदूषित भारत तथा मेरे सपनों का भारत’ विषय को आधार बनाते हुए एक वर्किंग मॉडल तैयार कीजिए। बीच में एक संकल्प का पुल बनाते हुए उस पर भारत को प्रदूषण रहित बनाने के लिए अपने संकल्प भी लिखिए।</p>		<p>of triangle = 180°. How to make*: Cut a paper triangle. Tear off the 3 corners. Arrange them on a straight line to show they form 180°. Paste on chart. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.</p>
41 to 50	Hindi	<p>”पर्यायवाची शब्द की रेलगाड़ी”*</p> <p>विभिन्न शब्द तथा उनके पर्यायवाची (चित्र सहित) दर्शाते हुए एक पर्यायवाची एक्सप्रेस का वर्किंग मॉडल बनाएँ।</p> <p>आवश्यक नोट- उपरोक्त कार्य आंतरिक मूल्यांकन हेतु जाँचा जाएगा ,इसलिए आपका मॉडल आकर्षक, सृजनात्मक तथा कलात्मक ढंग से बना हुआ होना चाहिए।</p>	:	<p>Maths Draw a "city" on chart paper using only geometrical shapes.</p> <p>Rules: Houses = triangles + squares, Sun = circle, Roads = parallel lines, Trees = symmetrical shapes. Label: all angles, types of triangles, parallel/perpendicular lines used. Write the properties of Addition, Subtraction, Multiplication and Division of Rational Numbers on A4 sheet.</p>

