

ENGLISH

Help Animals Stay Hydrated!

The sun is getting hotter, and just like us, animals can get really thirsty too! To help out your furry and feathered friends, you must place a shallow bowl filled with water outside your house, on a porch, balcony, or in your yard.

Click a picture and send it to the respective Grade Incharge.

Use single line notebook for English homework.

- Cover it neatly.

1. COMMERCIAL ADVERTISEMENT

Create a commercial advertisement on A4 size colourful sheet
(For example Real Estate, Bakery, Education Abroad etc.)

2. PODCAST


Create your podcast on the topic 'MYTH BUSTING'
(There are a lot of widely Believed myths floating around, explore these myths on the topics like history, science, nutrition etc. reveal the truth to your listeners.)

3. CAPTION WRITING


Click five random pictures of day to day life scenes and caption them.

4. Read any one book


-1. Grandma's Bag of Stories by Sudha Murty

 A delightful collection of stories full of wisdom, humor, and Indian values told by a loving grandmother.

2. The Blue Umbrella by Ruskin Bond

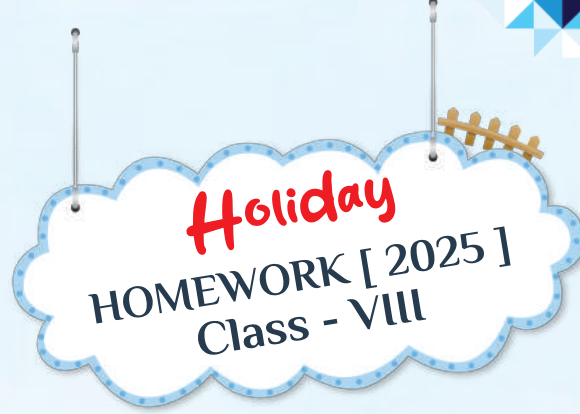
 A sweet story about a little girl in a mountain village and her precious blue umbrella. Simple, touching, and beautifully written.

3. The Puffin Book of Folktales by Paro Anand

 A collection of India's rich folktales from different states. Each story brings a new culture and moral to light.

4. Tenali Raman Stories (Various Authors, often retold by Meera Ugra or C. Narayana Reddy)

 Clever and funny tales of the witty court jester Tenali Raman. Full of



wordplay, logic, and laughter.

5. Younguncle Comes to Town by Vandana Singh

😊 A quirky, hilarious tale about a fun-loving uncle and his adventures in a small Indian town.

Mind Map

- Create a mind map of the book / chapter you liked the most .
- *Use colours, images and keywords to represent each event or incident.
- *Include key moments, characters and settings that stood out to you.
- *Use an A4 size colourful sheet.

MATHEMATICS

“ For the things of this world cannot be made known without a knowledge of Mathematics”

- Roger Bacon

General Instructions:

- Part A is the project.
- Part B is the revision sheet, which is recapitulation of the work which has been done so far.
- Do the revision worksheet on the A4 size ruled sheets.
- Attempt all the questions neatly and in serial order.

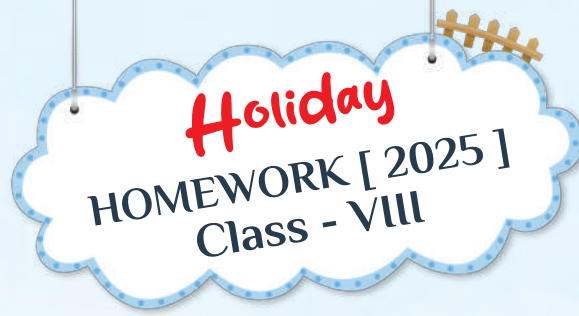
Part A

Q1. Project:

To analyse and interpret IPL 2024 top 5 batsmen and top 5 bowlers performance using Mathematical concepts based on the following questions.

- Collect and tabulate the runs scored by top 5 batsmen and wickets taken by top 5 bowlers.
- Draw bar graphs to compare the performances of the players. (Batsmen and bowlers separately)
- What are the average runs scored by each batsman?
- Who is the highest scorer of IPL 2024? And what is his strike rate?
- What is the average number of wickets taken by each bowler?
- Are there any noticeable patterns in the distribution of wickets taken by these bowlers throughout the tournament?





- How does the batting average of the top 5 batsmen compare to the bowling average of the top 5 bowlers?
- Is there any correlation between a batsman's strike rate and a bowler's economy rate among the top performers?
- Which batsman among the 5 has the highest contribution to their team's total runs based on their percentage share of runs scored?
- Name the bowler who has the highest impact on their team's success, based on their percentage share of wickets taken.
- Collect the data for the same players for IPL 2023.
- Compare the performances for both year and represent the performance of each player with the help of double bar graph.(Separate graphs for batsmen and bowlers)
- Name the player who is consistent among them in both the seasons.

Q2. Model

Make a model on 3-D shapes. Some links have been given for your reference.

<https://pin.it/B9mOsF0FP>

<https://pin.it/T0NsCkwHx>

<https://pin.it/tzooaQRll>

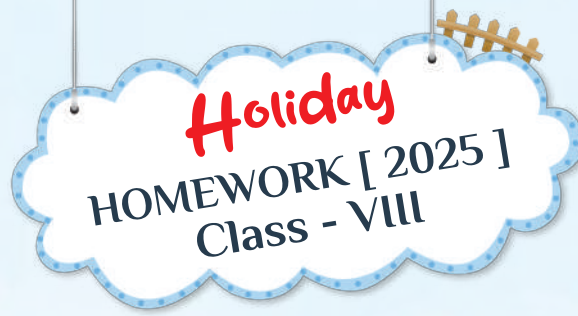
Students are free to use their own creativity.

Part B

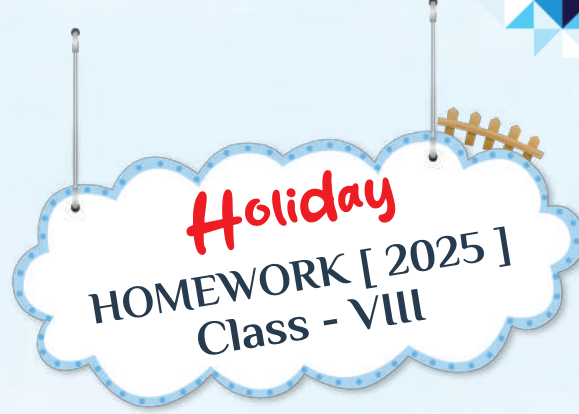
Q1. Multiple Choice Questions:

1. The reciprocal of a positive rational number is _____.
(a) negative (b) positive (c) zero (d) none of these
2. What number should be subtracted from - 3 to get -2?
(a) $-7/5$ (b) $-13/5$ (c) $13/5$ (d) $7/5$
3. Which of the rational numbers $-11/28$, $-5/7$, $9/-14$, $29/-42$ is the greatest?
(a) $-11/28$ (b) $-5/7$ (c) $9/-14$ (d) $29/-42$
4. Which of the rational numbers $-5/16$, $-13/24$, $3/-4$, $7/-12$ is the smallest?
(a) $-5/16$ (b) $-13/24$ (c) $3/-4$ (d) $7/-12$

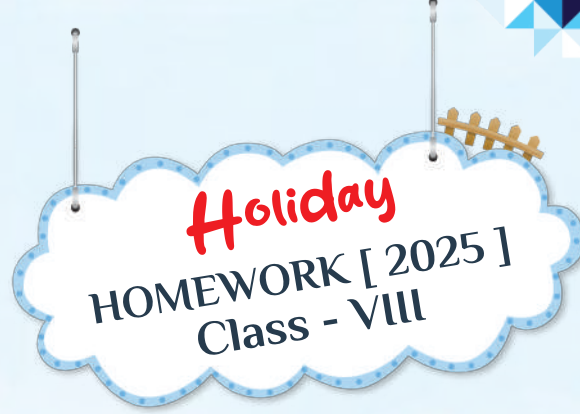




5. The solution of $2x - 3 = 7$ is
- (a) 2 (b) -2 (c) 5 (d) -5
6. Which of the following is not a linear equation
- (a) $2x + 5 = 1$ (b) $x - 1 = 0$ (c) $y + 1 = 0$ (d) $5x + 3$
7. Solve $2y + 9 = 4$
- (a) 2 (b) -2 (c) $5/2$ (d) none of these
8. Solve: $6x = 12$
- (a) 2 (b) -2 (c) 3 (d) none of these
9. The sum of three consecutive multiples of 11 is 363. Find these multiples.
- (a) 117, 121, 125 (b) 110, 121, 132 (c) 110, 99, 154 (d) 154, 88, 121
10. Two numbers are in the ratio 5:3. If they differ by 18, what are the numbers?
- (a) 45, 27 (b) 50, 32 (c) 40, 22 (d) none of these
- Q2. Find three rational numbers between $\frac{1}{4}$ and $\frac{1}{2}$.
- Q3. Represent $-\frac{2}{11}$, $-\frac{5}{11}$, $-\frac{9}{11}$ on the number line.
- Q4. Write five rational numbers greater than -2.
- Q5. What number should be added to $-\frac{7}{8}$ to get $\frac{4}{9}$?
- Q6. The perimeter of a rectangular swimming pool is 154 m. Its length is 2 m, more than twice its breadth. What is the length and the breadth of the pool?
- Q7. Three consecutive integers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers.
- Q8. The ages of Rahul and Haroon are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?
- Q9. The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?
- Q10. Three consecutive integers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers.
- Q11. The ages of Rahul and Haroon are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?



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- Q12.** The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?
- Q13.** The organisers of an essay competition decide that a winner in the competition gets a prize of Rs 100 and a participant who does not win gets a prize of Rs 25. The total prize money distributed is Rs 3,000. Find the number of winners, if the total number of participants is 63.
- Q14.** Deveshi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination does she have?

SCIENCE

✨Topic: Synthetic Fibers and Plastics

Integrated with Creativity, Environmental Awareness, and Practical Learning

1Fabric Exploration Poster – “The World of Synthetic Fabrics”

Objective: Learn about different synthetic fibers by observation and research.

Instructions:

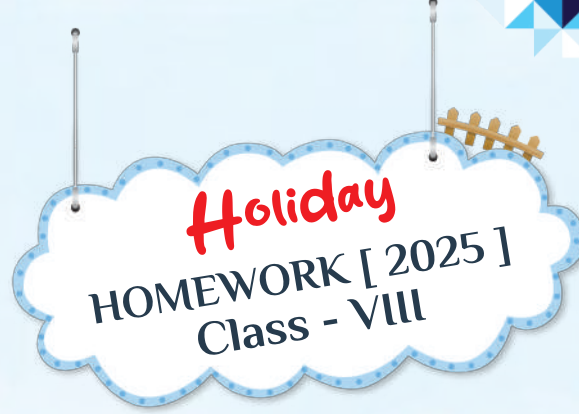
- Collect small fabric samples (1–2 inch squares) of at least 4 different synthetic fibers (e.g., nylon, polyester, acrylic, rayon).
- Prepare a creative A3-sized poster titled “The World of Synthetic Fabrics”.
- For each fabric, attach the sample and write:
 - Name of the fabric
 - Texture (smooth, rough, stretchy, etc.)
 - Common uses (e.g., clothing, bags, furnishings)
 - Whether it is biodegradable or not
 - One environmental concern related to its use

Add Creativity: Decorate with drawings, fabric art, or eco-friendly messages.

2Survey Activity – “Plastic in Our Daily Lives”

Objective: Conduct a real-life survey to understand plastic usage patterns and awareness.





Instructions:

- Interview 5–10 people (family, friends, neighbors) using the following questions:
 1. How many plastic items do you use daily?
 2. Are you aware of one-time-use plastics?
 3. Are you aware of how to check grades of plastics?
 4. Do you know which grades of plastics are suitable for reuse?
 5. Are you aware about precautions one must take while using products packaged in grade-1 plastics in the kitchen?
 6. Are you willing to switch to sustainable alternatives? Why or why not?

Task:

- Create a bar graph or pie chart based on the responses.
 - Write a brief conclusion (5–6 lines) on what you learned from the survey.
-

3 Activity – “One-Time vs Reusable Plastics” Sorting Challenge

Objective: Identify types of plastics and promote sustainable choices.

Instructions:

- At home, collect pictures or wrappers/labels of plastic products (clean them if using real ones).
- Create a scrapbook page or digital collage with two columns:
 - One-Time Use Plastics (e.g., straws, disposable plates, plastic wrappers)
 - Reusable Plastics (e.g., tupperware, water bottles, storage bins)

Write-Up:

- Add a paragraph (6–8 lines) on:
 - Why one-time plastics are harmful
 - What alternatives we can use
 - Steps your family can take to reduce single-use plastics
-

4 Creative Writing Bonus – “If I Were a Plastic Bottle...”

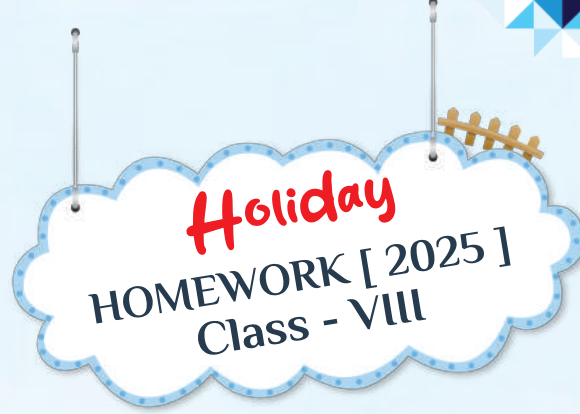
Optional but Fun!

Write a short story or diary entry from the perspective of a plastic bottle.

Use humor, drama, or emotion to explain its journey—from factory to garbage & to recycling!

STEAM ACTIVITY





Activity: Rubber Band Car / Balloon Buggy Challenge.

Objective:

Explore concepts of energy, motion, and friction by building a simple car powered by either a rubber band or a balloon.

Instructions:

1. Choose one of the following to make at home:

Rubber Band Car/ Balloon Buggy

2. Use recyclable or craft materials to build your car.

3. No motor or electric parts should be used.

4. Test your car on a flat surface at home and measure the distance it travels in a straight line.

5. Record a short video showing:

.How the car works

.The distance it travels

6. Bring your car model to school for a fun competition!

The car that travels the longest distance on the flat surface will be awarded

Note: This activity helps you learn about:

.Kinetic and potential energy

.Air pressure or elastic force

.Friction and motion

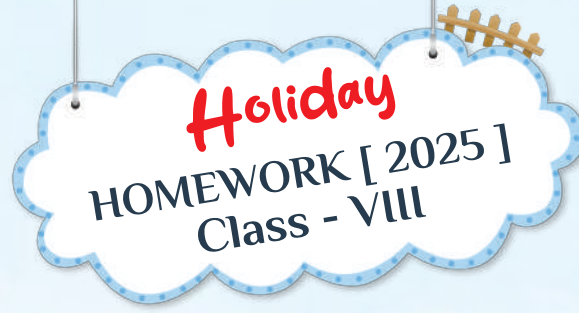
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https://youtu.be/8kf2_6u4IgY?si=N1LTpTcaueohRH8a

<https://www.youtube.com/watch?v=f22hAgv6XWQ&list=PLIBVuTSjOrcl90xJhFZxj18p3vdbVoh2p>

SOCIAL STUDIES





Task 1 . Soil Detective: Local Soil Survey Project

Title: Soil Detective Mission – Operation Earth Patch

Your task is to explore your surroundings and analyze different soil types like a real scientist to help future farmers choose the right crops and methods to protect the land.

General instructions:

1. For creativity take help from Pinterest.
2. Whatever you writing it should be neat and clean.
3. Be creative as much as you can.

Mission Kit (What You Need):

1. Zip-lock bags for collecting samples
2. Notebook and pen/pencil
3. Ruler or stick to dig soil (2–3 inches deep)
4. Water spray bottle (optional)
5. Coloured scrap paper for display
6. Glue, markers, labels, and folder for your final report

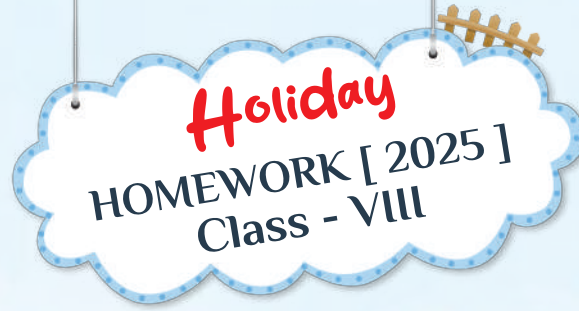
Steps of the Investigation:

Step 1: Choose Your Locations

Pick 3 different locations around your area:

A garden or field





A park or under a tree

A roadside, construction area, or dry patch

Tip: Take a photo of each spot and stick it next to your sample.

Step 2: Collect Soil Samples

Dig about 2–3 inches below the surface.

Take a small amount and store it in labeled bags.

Let them dry if wet before testing.

Step 3: Soil Analysis (Test Time!)

For each soil sample, observe and record:

Color: Light brown, black, red, gray?

Texture: Rub between fingers. Is it gritty (sandy), sticky (clay), or soft and crumbly (loamy)?

Moisture: Spray a little water. Does it absorb quickly or stay soggy?

Smell: Earthy smell or any chemicals?

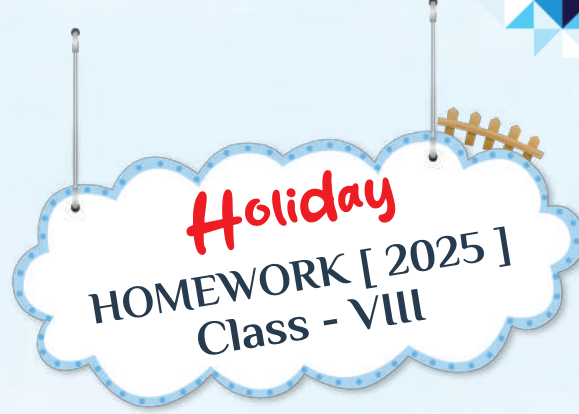
> Use a table format for your observations.

Color	Texture	Moisture	Smell
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Step 4: The Lab Report

On a neatly designed A4 sheet (or typed and printed), answer:





1. What type of soil is it (sandy, clayey, loamy, silt)?
2. Which crops grow best in this soil type and why?
3. Any visible signs of erosion, pollution, or misuse? (e.g., plastic, construction debris, tire tracks)
4. Suggestions to improve or conserve this soil (e.g., mulching, tree planting)

Use real examples of crops from your region.

Creative Element: Your Detective Case File

Create a detective-style folder or envelope with a cover titled:

Top Secret: Soil Detective – Agent \[Your Name\]

Include:

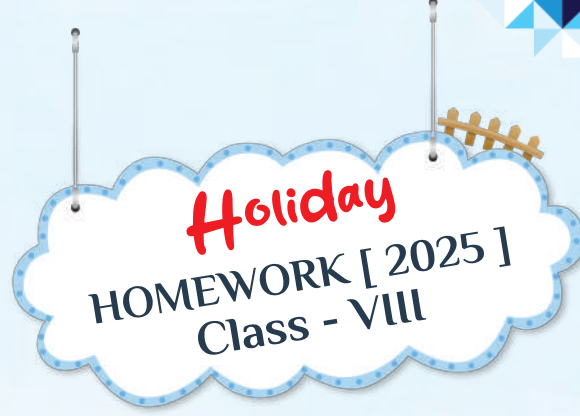
- 1 cPhotos of locations
2. Soil samples stuck on the folder (labeled)
3. Report sheets (typed or handwritten)
4. A detective-style conclusion: “Mission Findings & Recommendations

Assessment Criteria (out of 20):

| Criteria

| Marks |





| Quality of soil analysis | 5 |

| Creativity of presentation | 5 |

| Depth of research/report. | 5 |

| Effort and originality | 5 |

Computer:

Create a Website

- Use a website builder (e.g., Google Sites, Wix) to create a simple website about your favorite hobby or topic.

- Include the following features:

- Home page with introduction
- Page with images and descriptions
- Contact page with email address

HINDI-

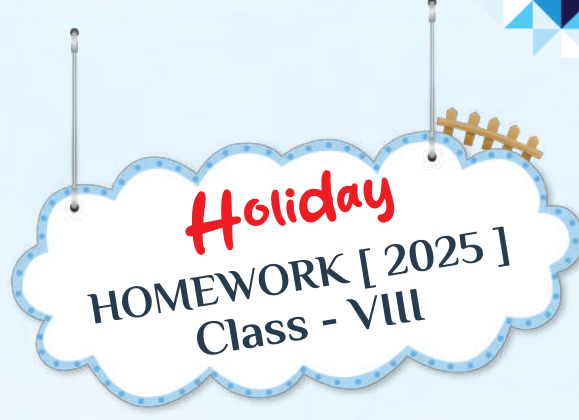
3. पठन कार्य:

1-लघु हास्य व्यंग पर एक कार्टून पट्टी (strip) बनाइये।

2-. रचनात्मक कार्य:

एक विज्ञापन तैयार कीजिए (जैसे कोई नई वस्तु या किताब) को बेचना।





SANSKRIT -

1- 'मम परिवार' विषय पर 8 से 10 पंक्तियाँ संस्कृत में A4 size sheet पर लिखिए-

Subject: Visual Art

Theme: Best Out of Waste – Create, Learn, Reuse!

Objective:

Inspire to think creatively and responsibly by transforming everyday waste materials into useful, or decorative objects. The goal is to encourage eco-conscious thinking while enhancing their skills in design, planning, and hands-on making.

Activity:

Make a model, a decorative showpiece, or a usable object using waste materials found at home. Your creation should be thoughtful and meaningful—it can either serve a purpose (e.g., storage box, lamp, pen stand) or be a showpiece with a visual appeal.

Instructions:

1. You can Think of a simple object, model, or artwork that you can create using discarded or leftover materials at home.
2. Sketch a basic plan of what you want to make.
3. Start constructing your model carefully.
4. You may paint or decorate it lightly, but the emphasis should be on reuse.
5. Write 5–6 lines about your work

6 What you need to add in your write up:

How you made it

What materials you reused

7 Submit it with your name and class

Suggested Materials

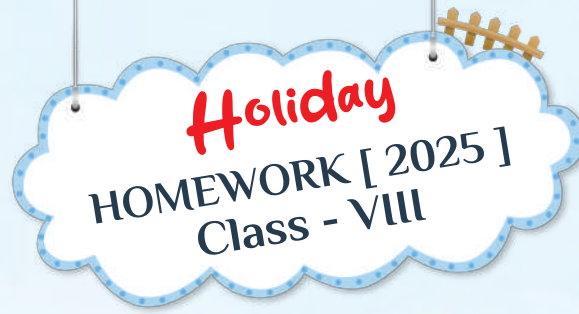
Old cardboard, cartons, shoeboxes

Plastic bottles, bottle caps

Worn-out clothes, fabric scraps

Old CDs, newspapers, magazines





Straws, rubber bands, ice cream sticks
Broken toys, unused craft materials
Buttons, wires, tubes, kitchen waste items (clean and dry)

Suggested Ideas (Choose or Invent Your Own):

Pen stand or mobile holder
Decorative flower vase
Table lamp or lantern
Small mechanical toy using pulley or wheel
Wall hanging calendar or planner
Recycled magazine holder or book rack

Bonus Tip: You can take a short video or photo of the making process it's fun and shows your planning!

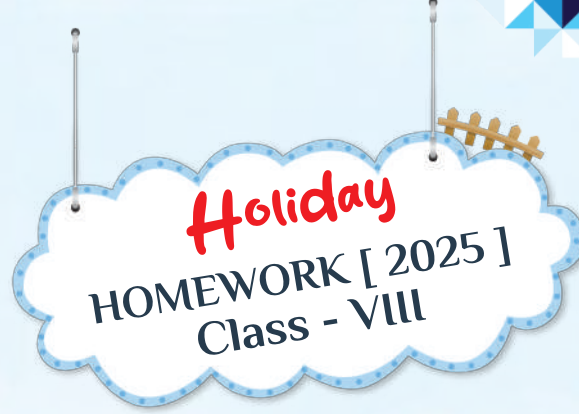
References



FRENCH

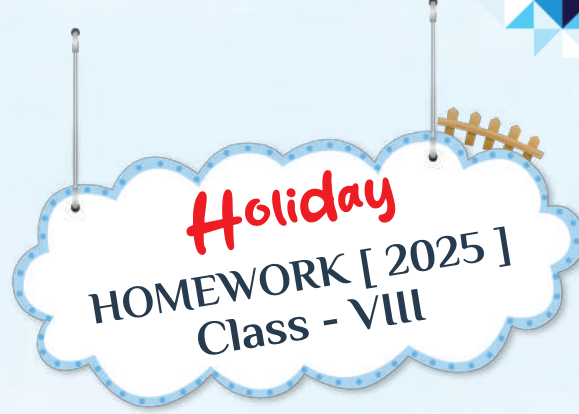
Learn the vocabulary





comment ça va ?	How are you? (to a friend)
comment tu t'appelles ?	What is your name? (to a friend)
comment vous appelez-vous ?	What is your name? (to an adult)
à demain !	See you tomorrow!
dormez-vous ?	Are you sleeping?
et vous ?	And you? (formal)
une fille	girl
frère	brother
un garçon	boy
madame	madam, mrs.
mesdames	madam, mrs. (pl.)
mademoiselle	miss
mesdemoiselles	miss (pl.)
monsieur	sir, mr.
messieurs	sir, mr. (pl.)

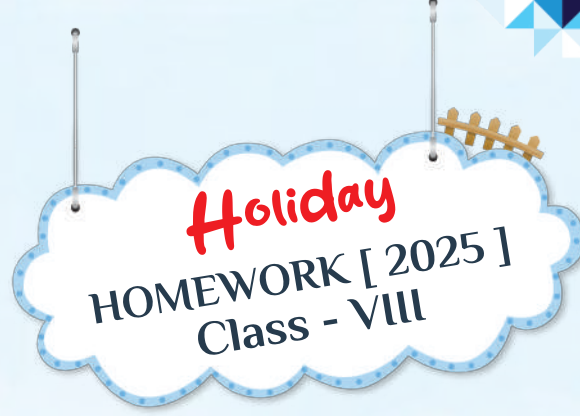




au revoir !	Goodbye!
salut !	Hello!
sonnez les matines.	Ring the bell.
s'il vous plaît !	Please !
bienvenue !	Welcome !
enchanté !	Delighted !
ça va mal !	Not good !
pas mal !	Not bad !
comme ci comme ça !	So.. so.. !
au revoir !	Goodbye !
à tout à l'heure !	See you very soon !
à bientôt !	See you soon !
bonne soirée !	Good evening !
bon après-midi !	Good afternoon !
pardonnez-moi !	Pardon me !
excusez-moi.	Excuse me.
de rien!	It's nothing !
je t'en prie !	I forgive you !
désolé(e) !	Sorry !
il n'y a pas de quoi !	It doesn't matter !
merci beaucoup !	Thanks a lot !

Question: Qu'est-ce qui vous motive à apprendre le français ?





(What motivates you to learn French? Write 6-7 lines)

