

NEW ERA PUBLIC SCHOOL
Holiday Homework (2026-27)
Class VIII

General Guidelines:

- Holiday homework of each subject will be assessed under **Internal Assessment (Project-Based Activity)**.
- All holiday homework must be submitted to the respective subject teachers between **6th July 2026 to 10th July 2026**.

Subject: English

1. "Voice of the Wild"

Pick one iconic animal from the Andaman and Nicobar Islands, such as the Dugong, the Andaman Wood Pigeon, or the Coconut Crab. Write a script for a 60-second Podcast Interview where you (the journalist) interview the animal. Ask the animal about its daily life, its biggest fears (like habitat loss), and what it wishes humans knew about the islands.

2. Read any short story and critically analyze any one character's decision. Also, propose an alternate ending for the story. (attach the name and author of the short story)

Some examples of short stories are:

The Open Window by Saki

The Last Leaf by O. Henry

The Reticent Volcano by Ruskin Bond

The Fun They Had by Isaac Asimov

The Monkey's Paw by W.W. Jacobs

3. You are to create a Visual Etymology Tree for one specific root word. This tree will show how a single "root" can grow into many different branches of English vocabulary.

The Trunk: Draw a large, sturdy tree on an A4 or A3 sheet. Write your chosen Root and its Meaning clearly on the trunk.

The Branches: Draw at least 6 to 8 branches growing out of the trunk.

The Leaves: On each branch, write one English word that contains that root.

The Fruit: Next to each word, write a brief, one-sentence definition in your own words to show you understand how the root fits into the meaning.

4. Creating a vocabulary thermometer. Pick any one common adjective.

Find five synonyms for your base word that range from "weak" to "extreme."

Find five antonyms for your base word that also range from "weak" to "extreme."

Example: a

Chilly (Weakest), Nippy, Frigid, Glacial, Freezing (Strongest)

Antonym Intensity - Lukewarm (Weakest), Tepid, Balmy, Sweltering, Scorching (Strongest)

GENERAL INSTRUCTIONS

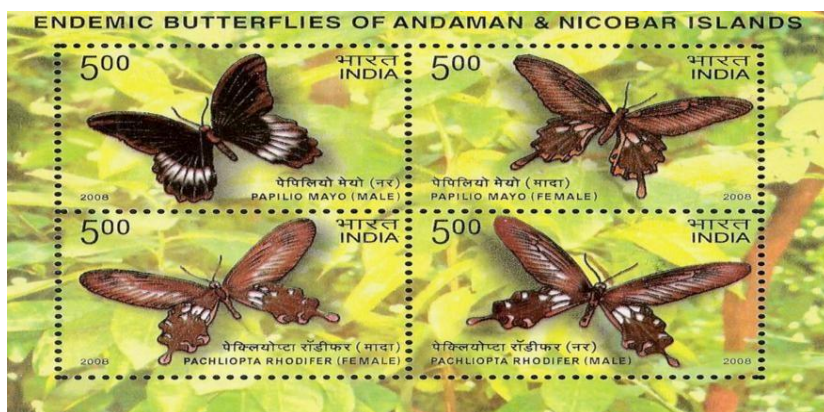
- All work must be completed neatly and creatively.
- Use proper headings and maintain presentation.
- Mention your Name, Class, and Section on every activity.
- Holiday Homework is a part of the Internal Assessment.

Subject: Mathematics

PROJECT (To be done on A4-size sheets)

Task: 1

Rich in biodiversity, the Andaman and Nicobar Islands support a wide variety of butterflies. Over 80 species inhabit the islands, ranging from colourful common butterflies to endemic species found exclusively in this region. The stamp sheet shown in the image was officially issued by the department of Indian Posts in 2008 to showcase the endemic butterflies of the islands.



Solve the given questions, to decode the name of the butterfly. The alphabet code is given with the correct answer.

1. The sum of the angles of a quadrilateral is	250° - D
2. The perimeter of a parallelogram is 38cm. If the longer side is 11cm, the length of the shorter side is	12cm - M
3. If the sum of two angles of quadrilateral is 110° then the sum of remaining two angles is	180° - N
4. Three angles of a quadrilateral are 50°, 40° and 123°. The measure of the fourth angle is	360° - A
5. In parallelogram ABCD, the diagonals intersect at O, if $OA = (3y - 4)\text{cm}$ and $OC = (y + 20)\text{cm}$, the value of y is	0° - M
6. The number of diagonals in a kite is	8cm - N
7. The sum of adjacent angles of a parallelogram is	62° - O
8. If PQRS is a parallelogram then $\angle P - \angle R$ is equal to	18° - R
9. In square RACE, if $RA = (2x + 3)\text{cm}$ and $AC = (3x - 5)\text{cm}$ then the value of x is	10° - M
10. If an angle of a rectangle measures $(3p + 36)^\circ$ then the value of p is	147° - A
11. If two adjacent angles of a parallelogram are $(5a - 5)^\circ$ and $(10a + 35)^\circ$, then the value of a is	5cm - N
12. In rhombus HOPE, if $\angle H = 118^\circ$ then the measure of $\angle O$ is	8cm - O
13. RENT is a rectangle and its diagonals meet at point O. If $OR = (7b - 3)\text{cm}$ and $OE = (5b + 7)\text{cm}$ then the value of b is	2 - A

Draw or paste the picture of the decoded butterfly on an A4 size sheet. The butterfly should be made with the help of different types of quadrilaterals (Refer to the given picture on right side). Through this activity, we can explore geometrical concepts creatively while developing awareness about biodiversity conservation and the importance of protecting endangered species, as highlighted in **SDG 15 - Life on Land**.

Task : 2

The Chidiya Tapu Biological Park, established in 2006 near Port Blair, is one of the important biodiversity parks of the Andaman and Nicobar Islands. The park is dedicated to the conservation and display of the island’s unique and endemic wildlife. Surrounded by lush greenery and rich natural habitats, it is home to several species of birds, animals, and reptiles.



Refer to the publication Forest Statistics 2021(forest.and.nic.in) and complete the given table.

Type	Number of species	
	2019 - 2020	2020 - 2021
Andaman Green Imperial Pigeon		
Crab Eating Macaque		
Spotted Deer		
Andaman Wild Pig		
Salt Water Crocodile		
Malayan Box Turtle		

Represent the given data on a double bar graph, by choosing an appropriate scale and answer the following questions.

- (i) Find the total number of species in 2019 - 2020. Find the prime factorisation of the number so obtained.
- (ii) Find the smallest number that must be multiplied by the number of Spotted Deer in 2019–2020 to make it a perfect cube.
- (iii) Find the total number of species in 2020 - 2021. Find the prime factorisation of the number so obtained.
- (iv) Find the product of number of Salt Water Crocodiles and Andaman Green Imperial Pigeons in 2020 - 2021. Hence find the smallest number that must be multiplied to the product so obtained to make it a perfect square.
- (v) Find the total number of Salt Water Crocodiles and Malayan Box Turtles from 2019 to 2021. Hence find the smallest number by which the sum so obtained must be divided to get a perfect square.

Note:- This Project will be evaluated under Project Based Activity for 5 marks.

Subject: Social Science

Topic: THE NATURAL TREASURES OF ANDAMAN ISLANDS

The Andaman Islands are known for their beautiful beaches, tropical forests, rich marine life, and unique natural resources. Along with protecting nature, the people of the islands also depend on agriculture, fishing, and careful use of water resources for their livelihood. Through these activities, let us explore the importance of sustainable living in the Andaman Islands.

TASK 1: “Agriculture & Irrigation in Andaman Islands”

“While learning about the Andaman Islands, I discovered that farming and water management are very important for the people living there. Due to heavy rainfall, tropical climate, and island geography, different methods of agriculture and irrigation are used.”

On an A3-size sheet:

Create an informative collage/ drawing showing:

Include the following:

- Main crops grown in Andaman Islands
(Example: Coconut, Arecanut, Paddy, Banana, Spices, Fruits)
- Sources of irrigation and water supply
(Rainwater harvesting, ponds, wells, canals, natural rainfall)
- Problems faced by farmers
(Heavy rainfall, soil erosion, limited flat land, cyclones)
- Sustainable farming methods
(Organic farming, terrace farming, water conservation)



Instructions:

- Add labels, headings, and short explanations.
- Use colours, borders, and diagrams neatly.
- Use eco-friendly or recycled materials if possible.

♻️ TASK 2: “Sustainable Andamans – Protecting Flora & Fauna”

“The forests and marine life of Andaman Islands are extremely valuable. Sustainable development helps us protect nature while using resources wisely for future generations.”

On A4-size sheets, think and write/draw the following sections:

PROBLEMS (What is harming nature?)	SOLUTIONS (Sustainable Practices)	MY ROLE (Personal Action)

<ul style="list-style-type: none"> • Pollution • Deforestation • Overfishing • Damage to coral reefs • Littering on beaches • Invasive species • Climate change 	<ul style="list-style-type: none"> • Mangrove plantation • Beach clean-ups • Eco-tourism • Reduce, Reuse, Recycle • Protecting coral reefs • Awareness programs • Using renewable energy 	<ul style="list-style-type: none"> • Mangrove plantation • Beach clean-ups • Eco-tourism • Reduce, Reuse, Recycle • Protecting coral reefs • Awareness programs
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 **TAKE ONLY MEMORIES, LEAVE ONLY FOOTPRINTS** 

Subject: Science

Project: Exploring the Unique Plants and Animals of Andaman & Nicobar Islands.
(To be done in a scrap file)

Andaman & Nicobar Islands have 572 islands with tropical rainforest and coral reefs. About 86% area is forest. Due to isolation from mainland, many plants and animals here are endemic found nowhere else in the world. This makes the islands a biodiversity hotspot.



Objective: To investigate and document the unique flora and fauna found only in Andaman & Nicobar Islands and understand why this biodiversity is important and under threat.

Key Points to Investigate

- ❖ List 4 endemic plants and write their scientific names with one special feature each.
Paste pictures of these plants

Example :

Endemic Plant	Scientific Name	Special Feature
Andaman Padauk Pterocarpus dalbergioides State tree of A&N Islands	Pterocarpus dalbergioides	has valuable red timber used for furniture

- ❖ List 4 endemic animals and write their scientific names with conservation status

Endemic Animal	Scientific Name	Conservation Status
Andaman Wild Pig	<i>Sus scrofa andamanensis</i>	Endangered

- ❖ Role of any 3 tribes in protecting biodiversity

Tribal Community	Role in Biodiversity Conservation
Jarawa	Use forest resources sustainably without destroying them.

- ❖ Write some steps that can be taken by student for conservation of Flora and Fauna.

विषय: हिंदी



प्रश्न १) चित्र को ध्यान से देखिए और कल्पना कीजिए कि आप अंडमान के घने जंगल में घूमने गए हैं। अपने अनुभव, वहाँ के प्राकृतिक दृश्य, जीव-जंतु और किसी रोमांचक घटना का वर्णन करते हुए एक रोचक कल्पनात्मक कहानी लिखिए।

प्रश्न २) “अंडमान की जैव विविधता बचाओ” विषय पर एक आकर्षक एवं संदेशपूर्ण पोस्टर बनाइए और जीव-संरक्षण से जुड़े अपने विचारों को नारे के रूप में प्रस्तुत कीजिए। (पोस्टर रंगीन एवं साफ-सुथरा होना चाहिए।)



नोट : अपने कार्य को आकर्षक रूप से ए-4 शीट में करें ।

विषय - संस्कृत

प्रश्न 1 पाँच राष्ट्रीय प्रतीकों के नाम चित्र सहित प्रस्तुत कीजिए।

उदाहरण-



प्रश्न 2. किन्हीं दो राष्ट्रीय प्रतीकों पर पाँच-पाँच वाक्य बनाइए-

नोट- सम्पूर्ण कार्य ए-4 शीट में करें।

Subject: Computer Science

Topic: Flora, Fauna & Andaman and Nicobar Islands

Tools: HTML + CSS (images optional from Canva/GIMP/Canva)

Task: Digital Placards

Create **3 placards (card-style)** using HTML and CSS on any flora or fauna of the Andaman & Nicobar Islands.

What to Do:

- Choose **3–5 plants/animals** (e.g., Mangroves 🌿, Dugong 🐮, Nicobar Pigeon 🐦)
- For each, include:
 - Name
 - 1 image
 - 1–2 short facts
- Design each as a **separate CSS card (placard)**

📞 Requirements:

Each placard must have:

- Title
- Image
- Short fact
- Simple card styling (border, spacing, color)

☒ Submission:

- A4 size Coloured printout of webpage
- Name, Class & Section on printout

Sample

