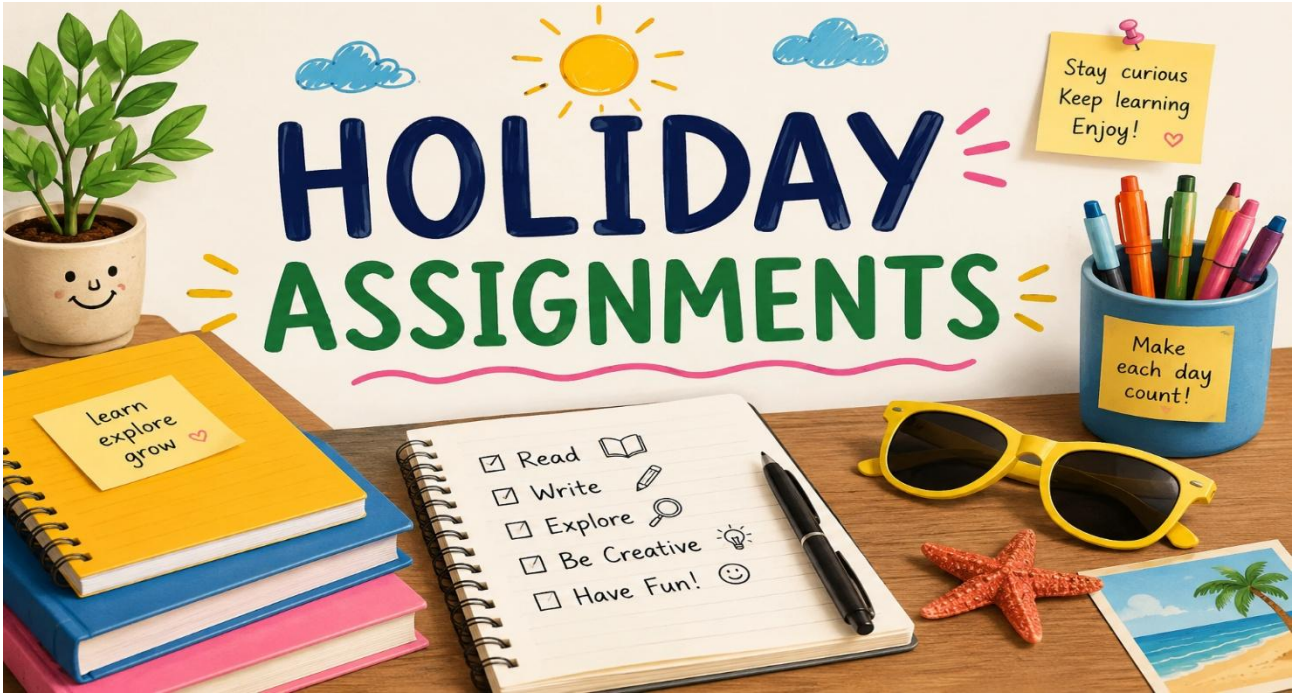
CAMBRIDGE SCHOOL
Indirapuram



SESSION: 2026-27

CLASSES: IX

Instructions for the Holiday Assignments:

- All holiday assignments should be done in subject notebooks / A4 sheets / Project files.
- These should be done in a neat and presentable manner.
- Original work of students will receive greater recognition and appreciation.
- Note: Holiday assignments will be graded in Internal Assessment (Subject Enrichment). Hence, submission of work is compulsory for the students.
- Read and revise all the subjects covered till date.

CAMBRIDGE SCHOOL, INDIRAPURAM
HOLIDAY ASSIGNMENT
SESSION: 2026-27
CLASS-IX

ENGLISH

I. Art Integrated Project

Activity: Storytelling with Clay Props
Objective: To develop imagination and creative expression and narrate the story confidently and clearly through oral storytelling.
Instructions: Choose any folk tale from India or around the world and prepare to narrate it creatively in class. Make clay props or characters related to the story to make your storytelling more interesting and expressive.
Your presentation should include:

1. A clear introduction of the folk tale and its origin.
2. Main characters and important clay props based on the story.
3. Narration of the story in your own words with proper voice modulation and expressions.
4. Use of clay models/props at the appropriate moments while telling the tale.
5. The moral or message of the story at the end.

II. Comic Strip

Objective: To understand and apply the rules of reported speech by converting real-life dialogues into indirect speech in an engaging and practical way.
Instructions: Collect any three different comic strips from a newspaper, English magazine, or the Internet. Paste each comic strip neatly on three separate A4-sized sheets.
After pasting, carefully read the dialogues in each comic strip and rewrite all the direct speech sentences into indirect (reported) speech below the comic strip.
Note:

1. Use one comic strip per sheet.
2. Underline the reporting verbs used.
3. Correct changes in tense, pronouns, time words, and punctuation.
4. At least:
   - 2 statement sentences
   - 1 question sentence
   - 1 command/request sentence
5. Decorate the sheets attractively.

HINDI

शीर्षक : उगते सूरज की भूमि" – अरुणाचल प्रदेश
1.कल्पना कीजिए कि आप अरुणाचल प्रदेश की यात्रा पर गए हैं।
अपने अनुभव को 80–100 शब्दों में लिखिए, जिसमें वहाँ का इतिहास, पर्व और त्योहार शामिल हों।
सुझाव:

- शुरुआत इस तरह कर सकते हैं: *"जैसे ही सूरज की पहली किरण पहाड़ों पर पड़ी..."*
- अपने लेख को चित्रों, बॉर्डर और रंगों से सजाइए (त्योहार, वेशभूषा, प्रकृति)।

2. मेरी पढ़ी हुई किताब – एक झलक : अपनी पसंद का कोई भी हिंदी उपन्यास पढ़िए और उसकी समीक्षा लिखिए।
3.आज का मुद्दा – मेरी कलम से : किसी समसामयिक विषय (जैसे डिजिटल शिक्षा, पर्यावरण, सोशल मीडिया) पर लगभग 200 शब्दों का लेख लिखिए।

सुझाव:

- एक सवाल या चौंकाने वाले तथ्य से शुरुआत करें
- बीच में एक छोटा उदाहरण जोड़ें
- अंत में समाधान या अपना विचार अवश्य दें

MATHEMATICS

Coordinate Geometry Projects

General Instructions:

- Do any one of the two projects below
- Submit a 3D model/chart and answers of given questions

Project-1: City Map Model & Coordinate Plotting

Learning Outcomes

1. Understand Cartesian plane, coordinates, and plotting points
2. Apply distance formula & section formula in real-life mapping
3. Develop skills in representing locations mathematically

Instructions

- Take a 30 cm x 30 cm cardboard base as your "city map"
- Mark X and Y axes through the center. 1 unit = 1 cm
- Place miniature models of 5 important places: school, hospital, your house, market, park
- Decorate with roads, trees, labels
- Draw the map neatly in project file and solve these for your 5 places:

1. Write coordinates of all 5 places
2. Find distance between: School & Hospital, House & Market
3. Find coordinates of a point dividing School-Hospital line in ratio 2:3
4. Check if any 3 places are collinear

OR

Project-2: Symmetry & Quadrilaterals Using String Art

Learning Outcomes:

1. Plot vertices of geometrical shapes on coordinate plane
2. Verify properties of quadrilaterals using distance & mid-point formula
3. Visualize symmetry through coordinates

Instructions:

- On 30 cm x 30 cm thermocol, draw X and Y axes with pins/nails
- Use colored strings to make any 2 shapes with these vertices:
- Figure A: Square: (0,0) , (6,0) , (6,6) , (0,6)
- Figure B: Rectangle: (−4,2) , (4,2) , (4,−2) , (−4,−2)
- Figure C: Parallelogram: (1,1) , (5,1) , (6,4) , (2,4)

In project file, prove using formulas:

- Find lengths of all 4 sides using distance formula
- Find midpoints of diagonals
- Check if diagonals are equal/perpendicular
- Name the quadrilateral based on your calculations

Figure Descriptions & Questions will depend on which shapes you pick.

SCIENCE

Chemistry- To study the effect of temperature on the rate of solubility of Disprin, Digene, and Crocin tablets in liquids.

A. Investigate how temperature influences the rate at which different tablets dissolve in water. Record observations carefully and analyze the results.

B. Draw solubility curves for each tablet to represent the relationship between temperature and rate of solubility.(Investigatory Project details will be shared on V3M)

Physics- Find out about different simple machines such as Pulley, Wheel & Axle, Inclined plane, Screw and Wedge.

In A4 sized sheets draw the related diagrams of the simple machine along with their Mechanical Advantage and Velocity Ratios.

Also mention various real-life situations or devices where these simple machines find usage.

Biology-Travel Brochure- Visiting the Cell- Design a Travel Brochure that describes a plant or an animal cell as if it were a real-life attraction using A4 size sheets.

Think of attractions like amusement parks, zoos, farms, malls, etc. There are certainly more possibilities than this.

SOCIAL SCIENCE

Theme- My Country, My Pride

Topic- The Rise of Kingdoms & Historical Heritage

Students are required to select any one historical place (such as Hampi or Jaipur) and prepare a project file (8 - 10 pages) based on the following points:

Short History - Briefly describe the origin and importance of the place, mention its historical significance

Important rulers- list the main rulers associated with the place, write about their contribution.

Famous Monuments- Name important monuments of the place- add a short description about each monument.

The project file must include maps and pictures along with proper description.