

New Era Progressive School

Korba

Dussehra Holiday Home Work

Class -VIII

ENGLISH HOLIDAY HOMEWORK

Chapter: ameliaearhart – the pioneering pilot

Choose one of the following individual projects:

🎬 option 1: mini documentary

Create a maximum 2-minute documentary on ameliaearhart's life, achievements, challenges, and legacy using photographs, videos, captions, and narration.

🎮 option 2: interactive quiz

Create an interactive powerpoint quiz titled how well do you know ameliaearhart? Include 10 mcqs with four options each, clickable answers, instant feedback, and a final results slide.

Submission guidelines:

Save your project on a pen drive.

Name the file using your roll number and name.

Ensure the project works correctly before submission.

Submit only original work.

Submission date: 23rd October, 2026

हिंदी परियोजना कार्य

परियोजनाकाशीर्षक: मेरीअपनीहिंदीपत्रिका

उद्देश्य: हिंदीभाषामेंपठन, लेखन, रचनात्मकताएवंअभिव्यक्तिकौशलकाविकासकरना।

निर्देश: 1. A4 शीटकेरंगीनवसफेदपेपरमेंअपनीहिंदीपत्रिकातैयारकीजिए।

2. पत्रिकाकाएकआकर्षकएवंमौलिकनामरखिए।

3. पत्रिकामेंनिम्नलिखितसामग्रीशामिलकीजिए:

- आवरणयामुख्यपृष्ठएवंविषय-सूची

- एकमौलिकलघुकथा

- एकस्वरचितयामनपसंदकविता
- पर्यावरणयासामाजिकविषयपरएकलेख
- पाँचमुहावरेएवंउनकेवाक्य-प्रयोग
- किसीप्रेरणादायकव्यक्तित्वकापरिचय
- कुछपहेलीऔरउसकाउत्तर
- आकर्षकहिंदीनाराएवंचित्र
- कुछवस्तुओंकेआकर्षकविज्ञापनचिपकाएं

4. सभीसामग्रीसाफ-सुथरीलिखावटमेंस्वयंलिखिए।

5. जहाँआवश्यकहो, चित्रबनाइएयाउपयुक्तचित्रचिपकाइए।

6.

परियोजनाकार्यपूर्णकरनेकेबादसभीपृष्ठोंकोउचितक्रममेंव्यवस्थितकरकेएकफाइलमेंसंलग्नकरें।सुनिश्चितकरेंकिफाइलसाफ-सुथरी, आकर्षकएवंसुव्यवस्थितहो।

SANSKRIT

दशहराअवकाशगृहकार्य

कक्षा – आठवीं

विषय- संस्कृत

1. ‘ ऋकारान्तस्त्रीलिंगशब्द “ मातृ” केशब्दरूपएवं “ दृश”
धातुकेपाँचोलकारसंस्कृतकॉपीमेंलिखनाहै।

SCIENCE HOLIDAY HOMEWORK

Chapter: ch:4- electricity : magnetic and heating effects

Ch:8-nature of matter: elements, compounds and mixtures

Ch:9- the amazing world of solutes, solvents and solutions

Ques 1- design a poster showing how the heating effect of current is both useful(in irons, heaters, geysers) and wasteful(power loss in transmission).

Ques 2- collect real life images of various uniform and non uniform mixtures and make a collage on a paper.

Ques 3- collect pictures and samples of minerals like talc, quartz and mica, and explore their various applications in everyday life

Submission guidelines:

Prepare project in a file

Name the file using your roll number and name.
Ensure the project works correctly before submission.
Submit only original work.
Submission date: 23rd October, 2026

HOLIDAY HOMEWORK – SST

chapter 3: a journey through indian architecture

Exploring society: india and beyond | grade 8 part 2

Write one paragraph on each of the following topics:

1. Harappan cities and water structures

Write about the planning of mohenjo-daro and dholavira, the harappan wells, and one later water structure such as a stepwell.

2. Stupas and rock-cut caves

Describe the sanchi stupa and explain how rock-cut caves like those at ellora and udayagiri-khandagiri were made.

3. Classical temples

Explain the main parts of a temple and how it represents the cosmic being, comparing any two temples.

4. Mosques, tombs and mausoleums

Describe the features of a mosque and a tomb, with examples such as the jama masjid, humayun's tomb or the tajmahal.

5. Forts, palaces and traditional houses

Write about the purpose and design of forts, palaces and courtyard houses, including the mysuru palace and the dasara festival.

6. Churches, colonial architecture and heritage

Describe one church and one indo-saracenic building, and explain how we can protect our monuments.

MATHEMATICS

1. Prepare a working/non-working mathematics project.

2. Complete the worksheet on the chapter "fractions in disguise."

Note: mark your answers on the printout or in your notebook, as per your preference. Write the complete steps for the case study questions.

Fraction in Disguise

Choose the correct options

Question 1. Match the following.

Column I

A. $\frac{3}{5}$

B. $\frac{9}{20}$

C. $\frac{1}{3}$

D. $\frac{7}{4}$

(a) A-S, B-R, C-P, D-Q

(c) A-R, B-S, C-P, D-Q

Column II

P. $33\frac{1}{3}\%$

Q. 175%

R. 60%

S. 45%

(b) A-R, B-S, C-Q, D-P

(d) A-R, B-P, C-S, D-Q

Question 2. Which statements are true (T) or false (F)?

I. $\frac{72}{150} = 48\%$

II. x% of y is always equal to y% of x.

III. $\frac{5}{11}$ is less than 40%.

(a) I-T, II-F, III-T (b) I-T, II-T, III-F (c) I-F, II-T, III-T (d) I-T, II-T, III-T

Question 3. 1% of 1 hour is equal to

(a) 6 seconds (b) 3.6 seconds (c) 60 seconds (d) 36 seconds

Question 4. Match the following.

Column I

A. Cost ₹75, sold at ₹110: profit %

B. Cost ₹475, 50% profit: selling price

C. ₹300 with 25% discount: price paid

D. Price ₹60 to ₹100: % increase

(a) A-Q, B-R, C-P, D-S

(c) A-S, B-P, C-R, D-Q

Column II

P. ₹225

Q. $66\frac{2}{3}\%$

R. ₹712.50

S. $46\frac{2}{3}\%$

(b) A-S, B-R, C-P, D-Q

(d) A-R, B-S, C-P, D-Q

Question 5. ₹8,250 plus 18% GST comes to

(a) ₹9,735 (b) ₹8,268 (c) ₹9,900 (d) ₹8,398.50

Question 6. Which statements are true (T) or false (F)?

- I. If 90% of n is 270, then $n = 300$.
 II. If 20% of a work takes 18 days (constant rate), the whole work takes 90 days.
 III. A number increased by 20% becomes 90, so the number is 108.
 (a) I-T, II-F, III-T (b) I-F, II-T, III-T (c) I-T, II-T, III-F (d) I-T, II-T, III-T

Question 7. Fill in the blanks.

- If the selling price of 3 pencils = the cost price of 5 pencils, the profit is _____ %.
 "Buy 3 get 1 free" is the same as a _____ % discount.
 (a) $66\frac{2}{3}$ and $33\frac{1}{3}$ (b) 40 and 25 (c) 40 and $33\frac{1}{3}$ (d) $66\frac{2}{3}$ and 25

Question 8. ₹20,000 at 10% compounded yearly for 2 years is

- (a) ₹24,000 (b) ₹24,200 (c) ₹22,000 (d) ₹23,000

Question 9. Match the following.

Column I

- A. Simple interest growth is
 B. Compound interest growth is
 C. Simple interest on ₹12,500 at 12% for 3 years
 D. Compound amount after n years

- (a) A-P, B-Q, C-R, D-S
 (c) A-Q, B-P, C-R, D-S

Column II

- P. exponential
 Q. linear
 R. ₹4,500
 S. $P(1 + \frac{R}{100})^n$

- (b) A-Q, B-P, C-S, D-R
 (d) A-P, B-Q, C-S, D-R

Question 10. Which statements are true (T) or false (F)?

- I. Fares rise by 3% and then by 4%: the overall rise is 7.12%.
 II. A 35% markup and then a 30% discount on that price gives a 5.5% profit.
 III. If demand falls by 85%, the present demand is 15% of the earlier demand.
 (a) I-T, II-T, III-F (b) I-F, II-F, III-T (c) I-T, II-T, III-T (d) I-T, II-F, III-T

CASE STUDY BASED QUESTIONS

A) A new movie was released on Friday, 150 seats were booked that day. The booking for the movie increased to 300 seats on Saturday.

- (i) What was the percent increase in the number of seats booked on Saturday?
- (ii) The cost of a ticket for the show is ₹250. Ayush got a 20% discount on buying a ticket through online booking. How many rupees did Ayush pay for the ticket?

B) In the lobby of the multiplex, Neeraj has a stall that sells a pack of popcorn for ₹200. The government charges 18% GST on selling of goods or services.

Note: The price at which Neeraj sells popcorn includes GST.

- (i) How much GST (in ₹) is charged on selling one pack of popcorn? (Give your answer correct up to one decimal place).
- (ii) The cost price of raw materials used by Neeraj for making one pack of popcorn is ₹20, the cost of packaging used to carry popcorn is ₹5 and the cost of preparation of popcorn ₹10 per pack. What is Neeraj's profit percentage on selling popcorn?

C) Ravi is working on a geometry project, where he needs to construct a square, whose area is double the area of a given square of side 6 cm. His teacher tells him not to change the side directly but to use a geometrical construction based on diagonals, as explained by Baudhāyana.

- (i) Find the area of the original square.
- (ii) Find the length of the diagonal of the given square.
- (iii) Using the diagonal as the side, find the area of the new square formed.
- (iv) Verify numerically that the area of the new square is double the area of the original square.

Last date of submission of Holiday Homework is 26/10/2026