

Holiday's Homework

Class 6

English

1. Reading Adventure
Read any storybook / novel and Write:
Title & Author
Summary (100–120 words)
Your favorite character & why
2. Poster Making
Make a poster on:
“Articles”
(Add picture / drawing)
3. Real-Life Activity
Talk to your grandparents/parents and write:
A story from their childhood (100 words)
4. Diary Entry
Write a diary entry about:
“My Most Memorable Day of the Holidays”

Instructions:

Do all work neatly in a notebook.

Use colors, drawings, and creativity.

Hindi

ग्रीष्मकालीन अवकाश गृहकार्य

1. अपने परिवार के किसी सदस्य से कोई हिन्दी कहानी सुनें या किसी शैक्षिक माध्यम (टीवी/इंटरनेट) से कहानी सुनें।
2. कहानी सुनने के बाद निम्नलिखित बिंदुओं पर लिखें:

कहानी का नाम :

कहानी में आए 5 नए शब्द :

उन शब्दों के अर्थ :

कहानी से आपने क्या सीखा (3-4 वाक्य)

3. अपनी गर्मी की छुट्टियों में आपको जो स्थान सबसे अधिक पसंद आया, उसके बारे में 5-8 मिनट बोलें। (आप चाहें तो इसका ऑडियो/वीडियो रिकॉर्ड भी बना सकते हैं और विद्यालय में प्रस्तुत कर सकते हैं।)

4. प्रतिदिन कम से कम 10 मिनट तक कोई हिन्दी कहानी, बाल पत्रिका या समाचार पत्र पढ़ें। पढ़ने के बाद नीचे दिए गए प्रारूप में लिखें:

दिनांक | पढ़ी गई कहानी/लेख का नाम | 2 नए शब्द | उनके अर्थ |

यह कार्य कम से कम 7-10 दिनों तक करें।

5. चित्र देखकर कहानी लिखें

किसी पत्रिका/समाचार पत्र से एक सुंदर चित्र चिपकाएँ (जैसे - पार्क, बाजार, पिकनिक आदि)। उस चित्र को ध्यान से देखकर 5-8 वाक्यों में कहानी या वर्णन लिखें।

6. नीचे दिए गए विषयों में से कोई एक विषय चुनें: फल/जानवर /गर्मी से जुड़ी वस्तुएँ
चुने गए विषय से संबंधित 5-10 हिन्दी शब्द लिखें और उनके साथ चित्र बनाकर या चित्र चिपकाकर सजाएँ।

सामान्य निर्देश:-

1. सभी कार्य साफ-सुथरी लिखावट में करें।
2. प्रत्येक गतिविधि को अलग-अलग शीर्षक के साथ प्रस्तुत करें।
3. कार्य को सजाकर और व्यवस्थित रूप से अलग हिन्दी नोटबुक/फाइल में जमा करें।
4. गृहकार्य विद्यालय खुलने के पहले सप्ताह में जमा करना अनिवार्य है।

****शुभकामनाएँ!****

अपनी छुट्टियों का आनंद लें और नई-नई चीजें सीखते रहें।

Sanskrit

रचनात्मक और कलात्मक कार्य (Creative Arts)

चित्र-शब्द कोष (Picture Dictionary): विद्यार्थी अपनी स्कैपबुक में किन्हीं 10 फलों, 10 पशुओं और 10 पक्षियों के चित्र चिपकाएँ या बनाएँ और उनके नाम संस्कृत में लिखें।

वर्णमाला चार्ट: संस्कृत वर्णमाला (स्वर और व्यंजन) को एक ए-4 साइज शीट पर सुंदर रंगों और सजावट के साथ लिखें।

पारिवारिक वृक्ष (Family Tree): एक चार्ट पेपर पर 'मम परिवार:' (मेरा परिवार) शीर्षक के साथ एक पेड़ बनाएँ और परिवार के सदस्यों के चित्र लगाकर उनके नीचे संस्कृत में उनके संबंध लिखें (जैसे- पितामहः, पितामही, जनकः, जननी आदि)।

Social science

GENERAL INSTRUCTIONS

- * Complete the work neatly in an SST notebook/file.
- * Use eco-friendly and low-cost materials.
- * Parents may guide but work should reflect student creativity.
- * Choose activities according to your interests.

PART A – COMPULSORY ACTIVITIES

1. Family Heritage Interview

Interview grandparents/elders about:

- * Games they played
- * Festivals celebrated earlier
- * Traditional occupations
- * How people travelled/shopped before digital India
- * Village or city life in old times

Write answers in question-answer format in an A-4 size sheet.

2. World Map Treasure Hunt

On an outline world map:

- Colour the 7 continents in different colours
- Label the 5 oceans
- Mark India

Note: Draw symbols for famous animals: 🦘 Australia | 🐧 Antarctica | 🐼 Asia

OR

On an outline map of India mark :

- * States and capitals
- * Neighbouring countries
- * Major Rivers
- * Mountains/ plateaus/ plains

PART B *(Choose ANY ONE)*

1. Passport Around the World

Make a mini “Travel Passport”.

Choose any 3 continents and write:

- Famous country
- One famous landmark
- Climate
- Interesting fact

Note . Add drawings or paste pictures.

OR

3. Poster / Infographic

Make a poster on any one topic:

- * “Unity in Diversity”
- * “Vasudhaiva Kutumbakam”
- * “Save Earth, Save Water”
- * “Democracy in India”

* “My Dream Smart Village”

* “Ancient India: Land of Knowledge”

OR

4. Comic Strip

Create a comic on:

* Life in a Harappan city

* Journey of money from bank to customer

* A village Panchayat solving problems

* A traveller exploring India

(6–8 boxes)

OR

4 . Story Writing

Write a creative story on:

* “A Day in Harappan Civilisation”

* “If I were a Village Head”

* “Journey through Ancient India”

* “The Child Who Saved Water”

OR

5. Traditional Knowledge Project

Collect information on any one:

* Ayurveda

* Yoga

* Vedic Culture

* Indian farming methods

* Folk art/traditional crafts

Present in chart format.

OR

6 *(Choose ANY ONE Presentation Format)*

Students may present their project in any one form:

1. Working Model
2. 3D Model
3. Poster Making
4. Chart Presentation
5. Infographic

SUGGESTED TOPICS

Geography

- * Types of Landforms
- * Globe and Latitudes
- * Water Conservation
- * Continents and Oceans

History

- * Harappan Civilisation
- * Early Human Life
- * Vedas and Ancient Knowledge
- * Timeline of Indian History

Civics

- * Panchayati Raj System
- * Democracy at Grassroots
- * Family and Community
- * Child-Friendly Village

Economics

- * Value of Work

- * Digital Payments
- * Rural and Urban Livelihoods
- * Community Helpers

Science

- 1) Collect the pictures of tap root and fibrous roots and write the Differences between them.
- 2) Collect and stick tap and fibrous root in scrap book.
- 2) Observe and list natural & man-made things.
- 3) Maintain a daily observation diary with weather and one Scientific observation.
- 4) Collect the seeds of any plant. Sow it in a small pot /tray. Water It and observe it's growth for 10-15 days. Measure it's height, no. Of leaves. Click it's pictures. Write your findings in a scrape book with pictures.
- 6) Write an essay on- nutritious food is better than junk food. Paste pictures

Maths

Q1 Write the following in words in the Indian system of numeration-

- (a) 7,28,007
- (b) 8,09,09,014

Q2 Arrange in ascending order-

- (a) 1020216, 1020308, 1021430, 893245, 893425
- (b) 13557218, 74678, 2725821, 74892, 13527685

Q3 Estimate each of the following product to nearest ten-

- (a) 38×53
- (b) 17×33

Q4 Find the estimated quotient-

- (a) $623 \div 31$
- (b) $178 \div 24$

Q5 Write each of the following in Roman numerals-

- (a) 2760
- (b) 791

Q6 Write the first three multiples of each of the following numbers-

- (a) 60
- (b) 18

Q7 Write down all the multiples of 15 less than 100.

Q8 Test the divisibility of the following numbers by 9-

(a) 43079

(b) 871245

Q9 Find the prime factors-

(a) 1729

(c) 2450

Q10 Find the HCF of the following numbers-

(a) 513,783

(b) 106,159,371

Q11 Reduce the following to the simplest form by finding HCF-

(a) $\frac{65}{91}$

(b) $\frac{399}{437}$

Q12 Find the LCM-

(a) 18,24,75

(b) 120,250

Q13 Simplify-

(a) $(12 \times 3) \div 4 \times 5 - 7 + 3 \times (9 - 5)$

(b) $30 \div (2 \text{ of } 4 + 11 - 4) + 7$

Q14 Fill in the blanks-

(a) $6 + 4137 = \dots + 6$

(b) $0 + 207 = 207 + \dots$

Q15 Add the following numbers by regrouping them into two different orders-

(a) 358,642,200

(b) 753,947,807

Subject Enrichment Activities-

- (1) Make a project on Indian Place Value Chart.
- (2) Make a collage of Indian mathematicians.

Computer Science

Complete AI worksheets given below in the computer science notebook itself along with class work which was done in the class.

Worksheet 1: What is Artificial Intelligence?

Section A: Multiple Choice Questions (Q1–Q4)

Q1. What does 'Artificial' mean in Artificial Intelligence?

- a) Natural
- b) Made by humans
- c) Made by robots
- d) Made by nature

Q2. Which of the following best describes Intelligence?

- a) Ability to run fast
- b) Ability to make decisions, solve problems, and learn
- c) Ability to store data
- d) Ability to draw pictures

Q3. AI allows machines to do tasks that usually need:

- a) Human intelligence
- b) Solar energy
- c) Internet connection only
- d) Physical strength

Q4. Which of the following is NOT an example of AI in real life?

- a) Voice assistants

b) Google Maps

c) Paper maps

d) Face Unlock

Section B: True or False (Q5–Q6)

Q5. AI can only perform complex tasks, not simple ones. True / False

Q6. Human Intelligence and Artificial Intelligence both involve decision-making and problem-solving.

True / False

Section C: Fill in the Blanks (Q7–Q8)

Q7. The ability to make decisions, solve problems, and learn from experience is called _____.

Q8. AI stands for _____.

Section D: One-Line Answer (Q9–Q10)

Q9. Give one example of AI being used in healthcare.

Answer: _____

Q10. How is AI different from human intelligence? Give one point.

Answer: _____

Worksheet 2: Examples and Benefits of AI

Section A: Multiple Choice Questions (Q1–Q4)

Q1. Which AI application helps find the best route to your destination?

a) Face Unlock

b) Google Maps

c) Alexa

d) YouTube

Q2. How does AI help in weather prediction?

a) By sending satellites

b) By processing huge amounts of data very fast

- c) By guessing randomly
- d) By reading newspapers

Q3. Which benefit of AI refers to it working day and night without rest?

- a) Works Faster
- b) Reduces Human Effort
- c) Works 24/7 Without Tiring
- d) Improves Education

Q4. AI-powered rovers like NASA's Perseverance are used to explore:

- a) The Moon
- b) Mars
- c) Jupiter
- d) The deep ocean only

Section B: True or False (Q5–Q6)

Q5. AI can make better decisions by studying large amounts of data. True / False

Q6. AI-powered robots work more slowly than humans in factories. True / False

Section C: Match the Following (Q7)

Q7. Match the AI example with its correct benefit:

- | | |
|---------------------|-----------------------------|
| A.Customer chatbot | 1.Reduces human effort |
| B.AI in car factory | 2.Works 24/7 without tiring |
| C.Learning apps | 3.Helps in dangerous jobs |
| D.AI bomb disposal | 4.Improves education |

Section D: One-Line Answer (Q8–Q10)

Q8. Name any two real-life examples of AI.

Answer: _____

Q9. How does AI help students learn better?

Answer: _____

Q10. Why is AI used in dangerous jobs? Give one example.

Answer: _____

Worksheet 3: AI vs Automation

Section A: Multiple Choice Questions (Q1–Q4)

Q1. What is Automation?

- a) Machines that learn from experience
- b) Using technology to execute tasks with little/no human involvement
- c) Programming robots to think
- d) Teaching computers to speak

Q2. Which of the following is an example of Automation (NOT AI)?

- a) Self-driving car
- b) Automatic washing machine
- c) Face recognition
- d) Chatbot

Q3. How is AI different from Automation in decision-making?

- a) AI cannot make decisions
- b) Automation can make smart decisions
- c) AI can make smart decisions using logic and data
- d) Both are the same

Q4. Automation always works:

- a) Flexibly, adapting to new situations
- b) In the same fixed way
- c) By learning from data
- d) By understanding language

Section B: True or False (Q5–Q6)

Q5. AI can adapt to new situations but Automation cannot. True / False

Q6. Automation can handle complex tasks like face recognition. True / False

Section C: Fill in the Blanks (Q7–Q8)

Q7. A sensor-activated door is an example of _____.

Q8. AI learns from _____ and past actions, while Automation just repeats the same task.

Section D: One-Line Answer (Q9–Q10)

Q9. Give one similarity and one difference between AI and Automation.

Answer: _____

Q10. Why is AI considered more flexible than Automation?

Answer: _____

2)Activity:Make a Birthday Card for your friend’s birthday party using Auto-draw AI.
Steps for creating birthday card using Auto-draw AI are:

Step:1 Go to Auto-draw AI

Step2: Create a blank template for the birthday card.

Step3: Use the “AutoDraw” tool to design your card.

Step 4: Draw a cake using the “AutoDraw” tool.

Step 5: Click and try out the suggestions by AutoDraw!

Step 6: Design the rest of the card using AutoDraw!

3) Create and solve an Excel Word Search Puzzle on an A4 sheet.

Instructions:

Make a 10×10 letter grid.

Hide at least 10 Excel-related words in the grid (horizontal, vertical, or diagonal).

Use the following words:

CELL, ROW, COLUMN, SHEET, DATA, FORMULA, CHART, TABLE, FILE, SUM,etc.

Decorate your sheet neatly with colors and a creative title.

Circle or highlight all the hidden words after completing the puzzle.

Library Activity

As part of your holiday homework, you have to create a Book Cover of any Ruskin Bond book of your choice. 🤔📖

You may use:

✦ A4 size drawing sheets or smaller sheets

✦ Colours / Sketch pens

✦ Creative designs & illustrations

Make your book cover as attractive and creative as possible.

🏆 Special Announcement:

The Best Book Covers will be awarded with Certificates for their creativity and presentation.

📌 Important Instructions:

- Write your Name and Class clearly on the back side of the book cover.

We are excited to see your creativity and love for books!