



# PRAGYAN

SENIOR SECONDARY SCHOOL,  
ITARSI

## HOLIDAY HOMEWORK

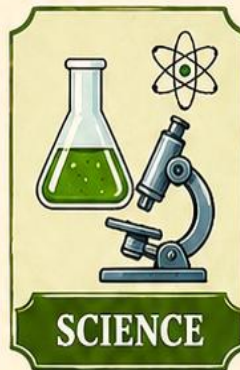
NAME : \_\_\_\_\_

CLASS :

ROLL NO. : \_\_\_\_\_

SESSION : 20\_\_\_\_ - 20\_\_\_\_

### SUBJECTS



*Learn, Explore, Create  
and Grow Every Day!*



## English

### Week 1

1. Read a book( *You are born to blossom* by APJ Abdul Kalam)
2. Imagine you are an explorer who discovers a hidden island. Describe what you see, hear, and feel.
3. Complete the work sheet -1
4. Revise Chapter- 1 *The Lost World*
5. Help your mother in house chores.
6. Write diary entry of the week, how spend the first week of summer vacations.

### Week 2

1. Read the book(*You are born to blossom*)
2. Complete the work sheet -2
3. Revise Chapter- 2 *Launching into the Unknown*
4. Write a letter to your friend narrating interesting experience that you had when you were traveling by train or flight on your return from vacation.
5. Watch an inspirational movie with English subtitles.

### Week 3

1. Read the book (*You are born to blossom*)
2. Complete the work sheet -3
3. Revise the Chapter-3 *Ozymandias*
4. "Power is temporary, but art and words last forever."  
- Do you agree with this idea in the poem? Explain in 120-150 words.
5. Watch an inspirational movie with English subtitles.

### Week 4

1. Complete the book.
2. Students create a mini scrapbook (4-6 pages) combining all three chapters:

□ Pages to include:

Page 1: Cover Page

Title: "My Adventure Journey" (with drawings, maps, stickers)

Page 2: *The Lost World*

□ Draw a dinosaur world + write 5-6 lines imagining you are there

Page 3: *Launching into the Unknown*

□ Draw space/rocket + write a short paragraph about exploring space

Page 4: *Ozymandias*

□ Draw broken statue in desert + write the message of the poem

Page 5: Creative Twist

Combine all → "If I were an explorer traveling from Earth → space → ancient ruins

Instructions:

Use scrap book to complete the writing and project (activity) work.

Parents are requested to help their wards to improve reading skills.

## Hindi

### 1. पाठ्यपुस्तक अभ्यास (Textbook Work):

पाठ्यपुस्तक मल्हार से पाठ 1 से 3 पढ़ें। एवं प्रत्येक पाठ का सारांश लिखें।

होम असाइनमेंट - कार्य पत्रक -1 से 6 तक

### 2. व्याकरण अभ्यास:

- संज्ञा, सर्वनाम, विशेषण और काल पर आधारित 10-10 वाक्य लिखें।
- संयोजन (संधि और समास) पर एक चार्ट बनाएं जिसमें परिभाषा, प्रकार और उदाहरण हों।

### 3. रचनात्मक लेखन (Creative Writing):

- "गर्मी की छुट्टियाँ कैसे बिताईं?" पर 150-200 शब्दों में अनुच्छेद लिखिए।
- "यदि मैं प्रधानाचार्य होता/होती..." विषय पर कल्पनात्मक निबंध लिखिए।
- कोई एक देशभक्ति कविता लिखिए या कंठस्थ कीजिए।

### 4. परियोजना कार्य (Project Work):

- एक प्रसिद्ध हिंदी लेखक जैसे महादेवी वर्मा, सुभद्राकुमारी चौहान या मुंशी प्रेमचंद की संक्षिप्त जीवनी और उनकी रचनाओं की जानकारी एक चार्ट या A4 शीट पर प्रस्तुत करें।
- स्वच्छ भारत अभियान या पर्यावरण संरक्षण जैसे किसी सामाजिक विषय पर पोस्टर बनाएं और उस पर एक स्लोगन लिखें।

### 5. शब्द भंडार (Vocabulary Builder):

- रोज़ाना 1 नया मुहावरा और 1 नया लोकोक्ति सीखें और उनका वाक्य में प्रयोग करें (कम से कम 15)।
- हिंदी से अंग्रेज़ी और अंग्रेज़ी से हिंदी 50 शब्दों का शब्दकोश बनाएं।
- प्रज्ञान डिक्शनरी की कॉपी में

### 6. पठन एवं प्रस्तुति कौशल (Reading & Speaking):

- कोई एक हिंदी बाल-पुस्तक या पत्रिका से 3 कहानियाँ पढ़ें और एक का सारांश लिखें।
- घर में एक कहानी या कविता का पाठ aloud करें और उसे रिकॉर्ड करें।

## Sanskrit

लकार

लट् लकार

लृट् लकार

लङ् लकार

तीनों पुरुष तीनों वचन इन धातु रूप को रखकर लिखकर लेकर आएं।

पठ्, क्रीड्, खाद्

2. अपना परिचय संस्कृत में लिखकर आएं।
3. संधि की परिभाषा एवं स्वर संधि के प्रकार उदाहरण सहित संस्कृत में लिखकर लिखकर आएं।
4. संस्कृत में कोई शिक्षाप्रद कहानी चित्र सहित लिखकर लिखकर आएं।
5. संस्कृत भाषा या महत्व पर 10 से 15 वाक्य लिखें।
6. सुभाषितानि के 5 से 7 श्लोक अर्थ सहित लिखकर आएं।
7. धातु रूप-  
राम और बालक की विभक्ति सप्तमी विभक्ति लिखकर लेकर आएं।
8. पाठ 1 से 4 तक पुनः पढ़कर याद करके अभ्यास प्रश्न गृह कॉपी में करके लेकर आएं।
9. होम असाइनमेंट  
वर्कशीट 1 से 5 पूर्ण करके लेकर आएं।

## Maths

□ *Chapters: Squares and Cubes, Power Play, Story of Numbers*

*Section A: Experiential Learning*

*1. Squares and Cubes*

*Observe objects around you (tiles, floor patterns, dice, boxes).*

*Identify square and cube shapes. Write: 5 examples of square-shaped objects 5 examples of cube-shaped objects*

□ *Example: Floor tiles → Square Dice → Cube*

*Chapter 2 -Power Play*

*Find examples where powers are used in real life:*

*Mobile storage (GB, TB)-Population growth, Electricity units*

*Write how powers help in writing large numbers easily.*

*Chapter 3 - Story of Numbers-How numbers are used in shopping*

*Bank transactions-Write your observations in 5-6 lines.*

*Section B Numerical Questions*

*Chapter 1: Squares and Cubes, Find the square of 25*

*Find the cube of 12, Is 729 a perfect cube?*

*Find the square root of 144 ,Find the cube root of 216*

*Chapter 2: Power Play- Simplify:  $2^3 \times 2^2$ , Simplify:  $5^4 \div 5^2$*

*Write in exponential form: 125 -Evaluate:  $(3^2)^3$ , Simplify:  $10^5 \div 10^3$*

*Chapter 3: Story of Numbers- Write 5,67,89,000 in words*

*Arrange in ascending order: 4567, 567, 6789, 1234*

*Write the place value of 7 in 7,54,321*

*Convert into standard form:- 3000000*

*Compare: 45,67,890 – 45,76,890*

*Section C Project Work □*

*Project 1: Square & Cube Model*

*Make a model using cardboard:-One square, One cube, Label their sides, area, and volume*

*Project 2 : Number System Chart*

*Create a chart showing:*

*Indian place value system*

*International place value system*

*Section D: Creative Task 🎨□*

*Write a short paragraph: “How Mathematics helps in my daily life”*

*Home assignment Work sheet*

*Work sheet 3A*

*Work sheet 3B*

*Work sheet 4A*

*Work sheet 4B*

*Work sheet 5A*

*Work sheet 5B*

*□ Instructions:- Do all work neatly in a separate notebook, Use colors and diagrams for*

*Projects Submit after holidays*

## Science

*Project Work (Choose any ONE)*

1. *Model Making: Create a working or non-working model on any one topic:*

- *Water harvesting*
- *Human digestive system*
- *Human ear model*

2. *Complete worksheet- 2B, 2C , 8A, 8B and 11A*

3. *Research Project: Make a detailed report on "Pollution and its effects on human health" or "Uses of Artificial Intelligence in Science" (3-5 pages, with pictures and data).*

4. *Science in Daily Life Journal*

*Keep a 7-day journal on how science is used in your everyday life. Include:*

*Activities (e.g., cooking, using gadgets, plants growing, weather changes)*

*Explanation of the science behind them*

*Take Photos.*

5. *Fun Science Activity (kitchen science)*

*Make Natural Indicators using red cabbage, turmeric, or hibiscus. Test items like soap, lemon juice, soda, etc.*

*Record your observations in a table. Take pictures also.*

6. *Read & Review*

*Read any one science-related book or biography (like Wings of Fire or a book on Marie Curie). Write a short review (150-200 words).*

7. *Creative Corner*

*Make a science comic strip explaining a scientific concept in a fun way (e.g., water cycle, photosynthesis).*

*Imagine a scenario where the gravity disappears. Develop a story. Create a cartoon strip to present your story.*

*Learn Chapter - all three chapters And complete your copy work.*

## Social Science

### **PROJECT 1-**

Make a chart paper presentation on tribal communities of India describing their traditional, lifestyle, economy and customs before and during the colonial period.

### **PROJECT 2-**

Make a mini biography booklet on the topic Babur, Akbar, Rani Durgavati, Maharana Pratap, Guru Tej Bahadur, and (create any one).

### **PROJECT 3-**

Create a poster on 'How to use resources wisely' a sustainable business practice using drawing slogans and examples.

NOTE-(Choose any one topic)

HOME assignment -(Worksheet 1,3,5,6,7,8,9,11,12,13,16,17,19,20)

## Computer

Chapter :- 1 Computer networks

Chapter :- 2 Introduction to GIMP

**NOTE :- ALL STUDENT HAVE TO COMPLETE THEIR FAIR COPY, TEXT BOOK WORK AND HOME ASSESSMENT BOOK WORK.**

Q1 Write and learn all question and answers of both chapters.

Q2 Draw the Figures of Network architecture and all types of network topology in a sheet with their names.(That's on page no 9 to 13)

Q3 Unscramble the letters to get the terms related to computer networks.

- a. SREERV
- b. EDON
- c. LOGVTOPO
- d. MEMOD
- e. RETROU
- f. WNETKOR
- g. SUB
- h. WSITCH
- i. RPOCTLOO
- j. ESCUTYRI

Q4 Write the full form of these :-

- a. LAN
- b. MAN
- c. WAN
- d. PAN

Q5 Draw a figure of GIMP software interface. (That's on page no 19)

Q6 Fill your home assignment book from worksheet 1A to 2C.

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