



**KOTHARI INTERNATIONAL SCHOOL, PUNE**  
**SESSION 2023-24**  
**SUMMER VACATION HOMEWORK**  
**CLASS: VII**

**GENERAL GUIDELINES:**

- **Do not copy & paste from the Internet.** Questions will be asked verbally on the content of the assignments given.
- **Submission of Holiday HW: 12th June 2023.** Marks will be deducted if not submitted by the due date.
- **The Holiday Homework can be downloaded from the School's website**
- **For Assignment related queries, do contact the subject teacher via e-mail** given underneath every subject assignment.
- **Marks awarded will be counted in the final scores at the end of the session.**
- **The Summer Vacation HW will be submitted immediately upon arrival to school after Summer Vacation.**
- **For any assignment related query do post your question on the E-Mail ID of the respective subject teacher. List of Subject Teacher's E-Mail ID attached.**

**Note to Parents**

- **Parents are requested to guide his/her wards to complete their assignments honestly and submit by the due date.**
- **All the subject homework should be submitted in separate transparent file folders labeled neatly on the top right hand side corner.**



## **1. ENGLISH:**

### **I. Book report**

Reading is crucial to everyone's success. It is one of the most fundamental skills a child should acquire. It not only enhances their vocabulary but also helps acquire values which indeed equip them to live a meaningful life. Enjoy reading 'Holes' by Louis Sachar and make a Book Report.

It should include the following:

- a) Book Cover (Draw an important scene)
- b) Title of the book
- c) Name of the author
- d) Your favourite character from the story
- e) His / her character sketch
- f) My favourite part of the story
- g) Do I relate to the story? How?
- i) The reason why you liked the book.

Use your creativity to prepare a colourful book report using an A4 size sheet

### **II. Dialogue Writing**

Write a conversation between planet earth and any other planet of our solar system. Make your dialogues interesting and humorous. You can draw, cut and paste pictures. You may use coloured A4 sheets for this task.

### **III. Travelogue**

During summer holidays, you may be travelling to your native place or visiting a new city, town or country. Write a travelogue describing the history, culture, monuments, and interesting features of that place and paste your pictures at famous sites. In case you are in town, you could

visit the heritage sites and write a descriptive essay about your experience with some factual details. Do remember to paste a picture or two. (A4 sheets)

#### IV. Cornerstone

Revision of Nouns- Go through lesson 2 of Cornerstone and solve the exercises from pages 8 to 16.

## **SOCIAL SCIENCE**

1. Prepare a map of India with names of all the States and their Capitals.  
(A3 SHEET)

a. Prepare a colorful chart on any one of these topics: Components of Environment, Interior of the Earth, Rock Cycle. (CHART PAPER)

b. Creative skills (Life Skills) All of us face problems in life. Many of us fear them and become worried. Some of us take them up as challenges and overcome them. Creative people see problems as interesting challenges and solve them in earnest.

Characteristics of a creative person:

- Enjoys challenges.
  - Seeks solutions.
  - Optimistic and curious.
  - Sees problems as opportunities.
  - Sees problems as interesting.
- Doesn't give up easily, rather perseveres and works hard.

Keeping the above traits in mind narrate an incident where you or someone known to you have shown creativity in 200 –300 words.

## SCIENCE

A terrarium is like an aquarium, but for plants instead of fish. It is made in just about any glass container. It is planted to look like a miniature garden or forest enclosed in its own little world.

You can easily make a beautiful terrarium yourself.

First, you want all the plants to thrive in the same kind of environment. For example, you could plant all succulents (including cactus), because they need very little water. Or you could plant all ferns, because they like it moist. You could put moss with the ferns, because moss likes it moist too. If you put a fern with a cactus, one or the other might not do well (the fern if it gets too dry, the cactus if it gets too wet).

You can use an open container or a closed container.

An open container is best for succulents and cacti. They like lots of air.

A closed container (with a lid) might be best for ferns, ivies, and begonias. They like it humid. But if you see a lot of water condensing on the lid, remove it for a while, then replace it.

For any terrarium, you need:

- Clear glass container. For example, aquarium of any size, goldfish bowl, cookie jar, pickle jar, vase with a broad bottom, brandy snifter, or even a shallow dish with a glass bowl turned upside-down over it.
- Rocks (around marble sized, depending on the size of container)
- Activated charcoal to filter the water and help prevent growth of fungi
- Potting Soil (sterilized)
- Small plants of different colors, shapes, & textures. Try to get miniature plants that aren't going to grow too big for the container.

Optional:

- Moss
- Decorative rocks or pebbles, or both
- Fun décor, like tiny pine cones, shells, ceramic animals, or a garden gnome.

Make sure your glass container is clean and shiny.

The layers of rock and soil are part of the beauty of your terrarium.

Start with a layer of rocks, about one inch or so, at the bottom of your container. These will help the soil drainage, so the roots of your plants won't get water-logged.

Add a 1/2-inch-thick layer of charcoal.

Fill the container up to half-full with potting soil.

Plant your plants. When you remove them from their little pots, carefully tease the roots apart and remove some of the old soil so they will fit nicely in the terrarium. Arrange them to look nice. Leave some space for them to breathe and grow. Pat down the soil so they don't get uprooted easily.

Add decorative pebbles, rocks, pine cones, or whatever to make your terrarium look like a little garden world.

Water the plants, but not too much.

Place in indirect light.

# MATHEMATICS

Two activities:

## Activity 1: Magic Square on integers.

A magic square is defined as a square containing several distinct integers arranged so that the total or sum of the numbers is the same in every row, column, and the main diagonals.

Design your own 3x3 magic square using integers which you shall challenge your classmates with once you resume school.

## Activity 2: Research about climate change:

1. Make a table to record the daily maximum and minimum temperatures of the city you are spending your summer vacations from 01 May to 31 May.
2. Also, collect the data for the same period from the last year i.e., 2022 (research on internet). Find out the difference in temperature between the current year and the previous year. Use your integer addition and subtraction learning to calculate the change in temperatures.
3. You may use appropriate formulas in excel to calculate the change in temperature and the average change. Use the format below for the same, an example for May 1 has been provided.
4. Format for the table is shown below:

Date	MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
	2023 (1)	2022 (2)	Change in temperature (1-2)	2023 (3)	2022 (4)	Change in temperature (3-4)
May 1	<b>For e.g. 38</b>	36	2	14	15	-1
May 2						
May 3						
May 4						
May 5						
May 6						
May 7						
May 8						
May 9						
May 10						
May 11						
May 12						

## MARATHI

विषय : पाऊस

पाऊसाचे चित्र काढा आणि त्यावर ५ वाक्य लिहा.

सामग्री : A4 Size paper



## विषय –हिंदी

(क) बढ़ती हुई आबादी (जनसंख्या) और तकनीकी विकास का हमारे पक्षी-जगत पर क्या प्रभाव पड़ रहा है?

(ख) हमें इसे रोकने के लिए क्या उपाय करने चाहियें? यदि आपको पशु-पक्षियों का संरक्षक बना दिया जाए तो आप ऐसे कौन से कार्य करेंगे?

(ग) अब तक लुप्त हुए पक्षियों की जानकारी एकत्रित करे और सचित्र उनका वर्णन एक बुकलेट पर करे ।

(घ) हिन्दी भाषा के इतिहास पर एक अनुच्छेद लिखिए।

उद्देश्य :-

ज्ञानार्जन की भावना का विकास

पर्यावरण और पशु- पक्षियों के प्रति संवेदना का विकास

खोज प्रवृत्ति का विकास और सृजनात्मकता का विकास

मूल्यांकन के मापदंड

(क) विषय की प्रस्तुति

(ख) सुझाव की महत्ता

(ग) कार्य की पूर्णता

(घ) भाषा का स्तर एवं शुद्धता

(ङ) समयबद्धता

## FRENCH

Faux amis (or 'false friends') are words that appear to be the same or similar in two languages but actually have very different meanings. They can easily cause confusion as it is often assumed they mean the same thing.

List 10 such words (faux amis) and write their meanings. You may illustrate with simple drawings or pictures to make it attractive.

2. Complete this activity on small chart paper.

## संस्कृत

- १) संस्कृत महाकविनां विषये अन्तर्जाल माध्यमेन ज्ञात्वा सचित्र निबन्धलेखनं करोतु। ( पञ्च तः दश वाक्यात्मक)
- २) शब्दधातुरुपावल्याः सहायेन 'उकारान्त' शब्दस्य एकम् एकम् पुल्लिङ्गी तथा नपुंसकलिङ्गी नामरूपं चित्वा सार्थ - ( English भाषायां अर्थेन सह) सारणीलेखनं करोतु।
- ३) 'तद्' सर्वनाम ( स्त्री.,पु.,नपुं.) सार्थ सारणीलेखनं करोतु।

## ICT

We are learning the number systems as a part of our ICT curriculum this year. Use a chart paper and write the application of each number system in the computer world.

- Write about binary, octal and hexadecimal number systems
- Only short sentences or points to be written
- Chart should have appropriate heading and border
- Cleanliness and good arrangement of topics.

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