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

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.***

ENGLISH

I Write a diary entry on daily basis sharing your happenings and experience during summer
Vacations (Example – your daily routine, your habits, new activities you are doing, the places
You visited, what all you are learning, and how you felt being at home and so on). Diary entry
Should be on daily basis as the format discussed in class.
Note: - Make a diary from leftover notebooks, design the cover page by yourself and decorate it.

II Listening: Listen to any two books written by Ruskin Bond and write your review on each. You must discuss the review on the following points/elements:

- Title
- Characters
- Genre (romantic, historical, detective, thriller, adventure, horror, science fiction etc.)
- Setting (when and where the story takes place, and physical environment, time of day) (20 words)
- Plot (100-120 words)
- Theme (20-30words)
- Whom did you like most in the story and why? (50 words)
- What happened at the end and how did you feel? (80 words)
- If you were given a chance to play the role in the same story, whose role would you like to perform and
- Why?
- How would you replace the ending of the stories? (80 words)
- All stories are free to stream on your desktop, laptop, phone or tablet using the

Following link : https://stories.audible.com/start-listen

III Art Integrated Activity:

(a)   Prepare an interview (3-4 minutes) with the person you like most in your family on the following points:

- Their name and education
- When did they begin their elementary education in school?
- How did they go to school?
- What facilities were provided to them?

- What were the criteria to get through the exams when they were in class 10TH ?
- Who were their favorite teachers and why?
- What did they do to get through in class 10th ?
- How did they enjoy their time while in the school?
- What did they do when they lost their study materials? How did they manage?
- What do they feel about the current education system during this pandemic?
- How do they compare the current education system with past education system? Which is better according to them?

हिंदी

कार्य – **कहानी से आगे की कहानी**

आपने **'दुख का अधिकार'** कहानी पढ़ी ।जिसमे आपने जाना किस प्रकार गरीबों को दुख मनाने का अधिकार नहीं होता है और नाही सहूलियत ।
इस कहानी के अंत में लेखक खरबूजे बेचनेवाली बुढ़िया को देखता इस कहानी के अंत को आगे बढ़ते हुए एक नई कहानी की रचना कीजिए ।
कहानी लेखन करते वक्त निम्नलिखित बातों को ध्यान में रखे ।–

१. कहानी का आरम्भ आकर्षक होना चाहिए

२.   कहानी की भाषा सरल, स्वाभाविक तथा प्रभावशाली होनी चाहिए।

३. कहानी को उपयुक्त एवं आकर्षक शीर्षक देना चाहिए।

४. कहानी को प्रभावशाली और रोचक बनाने के लिए मुहावरों व् लोकोक्तियों का प्रयोग करे।

५. कहानी हमेशा भूतकाल में ही लिखी जानी चाहिए।

६.   कहानी का अंत सहज ढंग से होना चाहिए।

७.   अंत में कहानी से मिलने वाली सीख स्पष्ट व् संक्षिप्त होनी चाहिए।

FRENCH

Research topic- the 'French Schooling system'.
 Which are the different subjects offered in a French school?
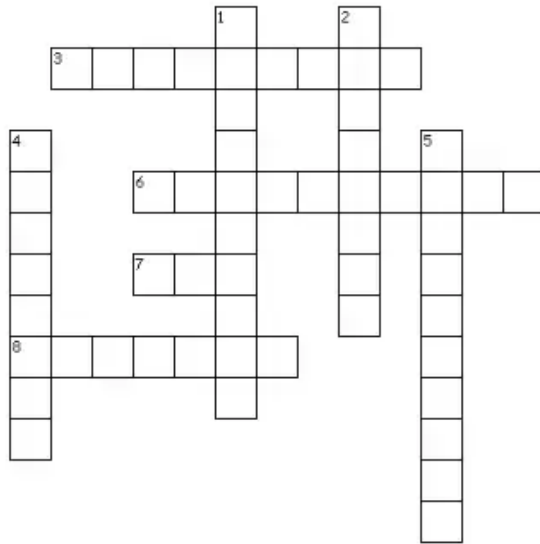What are the different extracurricular activities followed in schools in Europe?
Which are the different curriculums followed in schools of France? Which is the most common?
Usually how many days of the week do the students have their classes?
School Holidays, etc.

MATH

Crossword Puzzle

Across

3. rational numbers have only two choices- either they are terminating or non-terminating _____

6. The First person to discover the numbers which were not rational

7. The number ($\sqrt{3}$ -1)($\sqrt{3}$ +1) is

8. Counting Number are called

Down

1. Non-terminating non recurring decimal expression
2. The set of positive and negative number is
4. Number of the form p/q
5. Who was the first to compute digits in the decimal expansion of π(Greek genius)
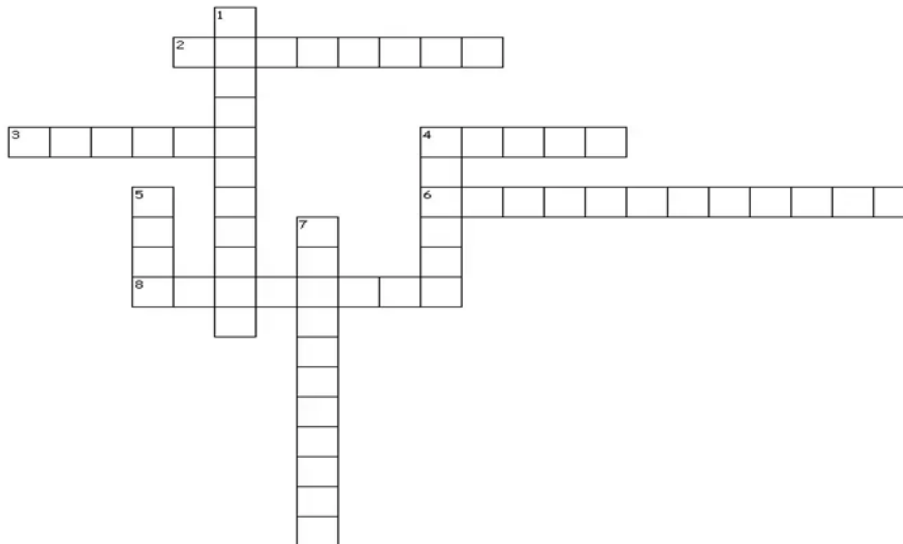
Worksheet:

1. From the choices given below mark the co-prime numbers:
(a) 2, 3   (b) 2, 4   (c) 2, 6   (d) 2, 110
2. A rational number equivalent to 5/7 is:
(a) 15/17   (b) 25/27   (c) 10/14   (d) 10/27
3. The rational number 0.3333... can also be written as

(a) 0·3   (b) 3/10   (c) 0·33   (d) ⅓
4. Express 0.8181 in p/q form.

5. Rationalize the denominator of 1/[7+3$\sqrt{3}$].

PHYSICS

1. Write three differences between distance and displacement.
2. Mention 3 examples around you where you notice rest and motion, depict with pictures.
3. Define velocity and explain how velocity and speed are two different physical quantities
4. Draw graphs for a moving body when:-
i)   Speed of body remains constant
ii) Speed of body changes at uniform rate
iii) Speed of body changes in a non-uniform manner

5. A cyclist goes around a circular track once every 2 minutes, if the radius of the circular track is 105 meters, calculate his speed.

6. A particle is pushed along a horizontal surface in such a way that it starts with a velocity   of 12m/s. Its velocity decreases at a uniform rate of 0.5m/s^2.
 (a) Find the time it will take to come to rest.
 (b) Find the distance covered by it before coming to rest?

7. A car travels at 54 km/h for the first 20 s, 36 km/h for the next 30 s and finally 18 km/h for the next 10 s. Find its average speed.
8. **Crossword Puzzle**

Across
   2. Physical quantity obtained by dividing displacement with time taken
   3. A quantity having both magnitude and direction
   4. This remains constant in uniform circular motion
   6. It is the slope of speed -time graph
   8. This measure the distance traveled by car

Down

1. This is the other name for negative acceleration
4. The speed is said to be a ------quantity
5. This is the acceleration of the body with uniform velocity
7. This measure the speed of the car

BIOLOGY

Make a 3D model of any one out of animal cell or plant cell and explain its components.

SOCIAL STUDIES

Task 1

1: India Size and Location: 1) The island groups of India lying in the Arabian sea and the Bay of Bengal, 2) The countries constituting Indian Subcontinent, 3) The states through which the Tropic of Cancer passes, 4) The strait separating Sri Lanka from India, 5) The place situated on the three seas.

Task 2

2: Draw a map of Physical features of India and locate : Mountain Ranges: A3 SIZE SHEET

The Karakoram, The Zaskar, The Patkai Bum, The Jaintia, The Vindhya Range, The Aravali, The Cardamon hills, The Indian desert, The western Ghats. Peaks: K2, KanchenJunga, Nanga Parbat, Anai Mudi, Maherdragiri. 4- Revise and learn the questions and topics from the chapters completed till now.

Task 3

3: Prepare a file on Disaster Management taking any one of the following topic: 300-400 words

1- Flood, 2- Drought, 3- Earthquake, 4- Industrial Accidents

ICT

During the holidays , observe and write cases in short story format where one of the perspectives/ barriers affected communication (at least 5 stories on different factors).

Your story should be clear, complete and coherent.

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