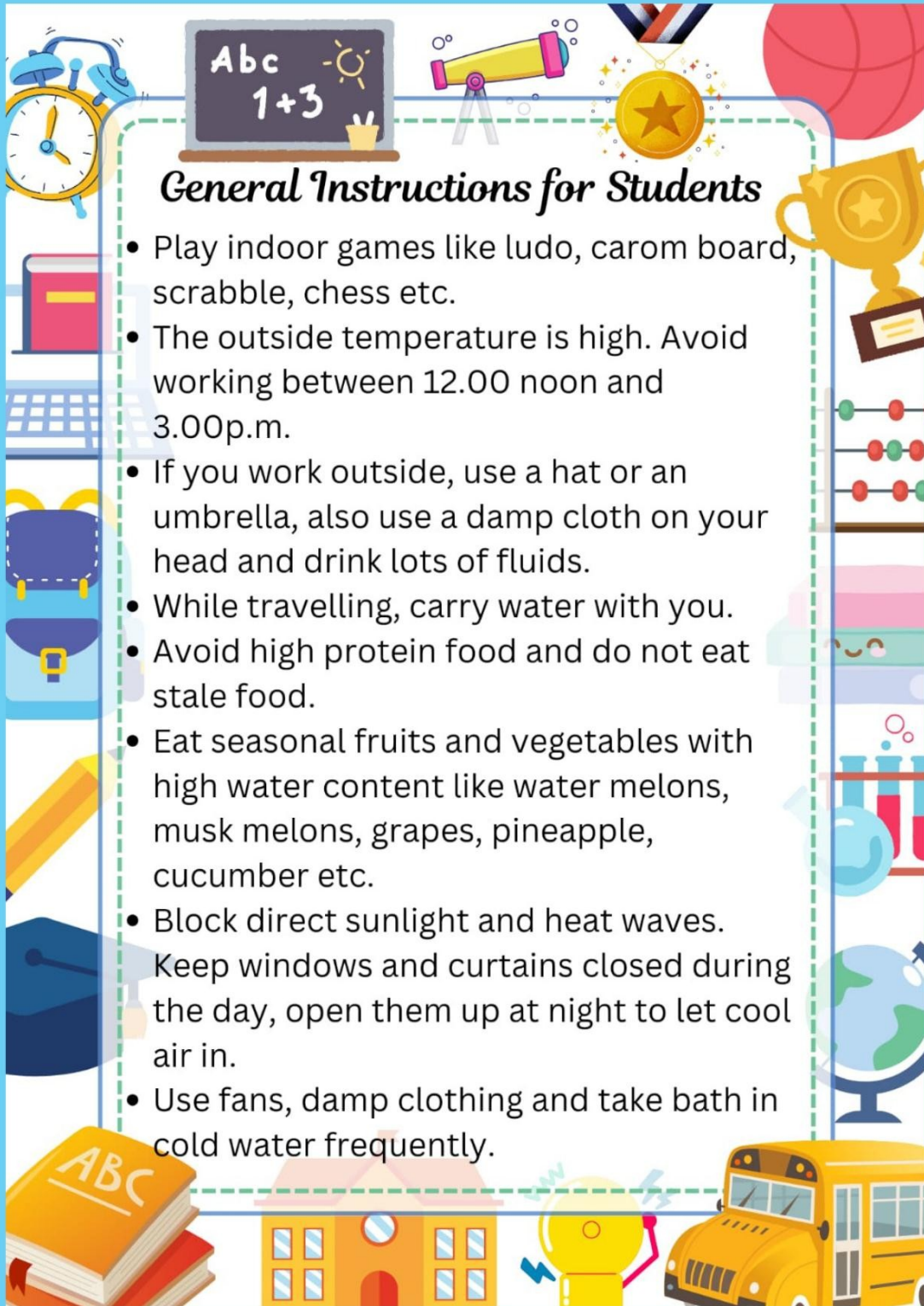# MOUNT CARMEL SCHOOL, CHANDIGARH

HOLIDAYS ASSIGNMENT
SESSION 2024-2025
CLASS VIII

General Instructions for Holidays Homework:-

- Holiday Home Work should be done as per the instructions given.
- Assessment will be done based on originality, creativity, neat handwriting, presentation and submission of work on time.
- Revise all the concepts done so far.
- Parents are requested to encourage their ward to do their homework independently.
- Parents can extend guidance to their children if needed.
- Control Screen time: Do not let children spend too much time playing video games, instead encourage them to take up creative pursuits.
- Help them to understand the need to reduce wastage.

General Instructions for Students

- Play indoor games like ludo, carom board, scrabble, chess etc.
- The outside temperature is high. Avoid working between 12.00 noon and 3.00p.m.
- If you work outside, use a hat or an umbrella, also use a damp cloth on your head and drink lots of fluids.
- While travelling, carry water with you.
- Avoid high protein food and do not eat stale food.
- Eat seasonal fruits and vegetables with high water content like water melons, musk melons, grapes, pineapple, cucumber etc.
- Block direct sunlight and heat waves. Keep windows and curtains closed during the day, open them up at night to let cool air in.
- Use fans, damp clothing and take bath in cold water frequently.

ENGLISH:-

Crafting a Literary Time Capsule Inspired by Ozymandias
Prepare a time capsule container (can be a decorated box or container). Create artifacts symbolizing the themes and imagery from the poem: Miniature sculptures or figurines representing ancient ruins. Sand or small rocks to evoke desert landscapes. Write descriptions of power, decay or fleeting glory inspired by the poem.

<div align="center">**OR**</div>

Vocabulary enrichment is the most essential part of language learning which helps us in giving creativity to our expressions. Here is a small exercise to enrich you with words we require in our day life. Make a list of 10 words which we can use instead of very. Ex: very slow- sluggish , very sorry - apologetic etc. Present your work neatly on a A4 sheets.

MATHS:-

Make 5 Tangram treats pattern by using different colour origami sheet.

<div align="center">Practice Worksheet</div>

1. What properties, the following expressions show?

(i) $\frac{2}{3}+\frac{4}{5}=\frac{4}{5}+\frac{2}{3}$

(ii) $\frac{1}{3}\times\frac{2}{3}=\frac{2}{3}\times\frac{1}{3}$

2. In quadrilaterals,

(i) which of them have their diagonals bisecting each other?

(ii) which of them have their diagonal perpendicular to each other?

(iii) which of them have equal diagonals?

3. The opposite angles of a parallelogram are $(3x + 5)°$ and $(61 – x)°$. Find the measure of four angles.

4. Find the number of sides of a regular polygon whose each exterior angle measures $60°$.

5. The sum of two angles of a quadrilateral is $160°$. The other two angles are in the ratio $2: 3$. Find the angles.

6. The diagonals of a rhombus are 6 cm and 8 cm respectively. Find the length of the sides of the rhombus. Also find its perimeter.

7. If one number of the Pythagorean triplet is 6, then find the triplet.

8. By what least number should 2028 be multiplied so that the product is a perfect square? Find the square root of the product so obtained.

9. Find the square root of each of the following numbers by using the method of prime factorization:

(i) 11236   (ii) 15876

10. 676 students are to be sit in a hall in such a way that each row contains as many students as the number of rows. Find the number of rows and the number of students in each row.

11. What could be the possible one's digits of the square root of each of the following numbers?
(i)1008001   (ii)6577525

12. Express 225 as the sum of odd number.

13. Find the value of square root of 69.7225 by long division method.

14. Write all the properties of rational numbers.

15. Find by using properties:

$$(i)\left\{\frac{7}{5}\times\left(\frac{-3}{12}\right)\right\}+\left\{\frac{7}{5}\times\frac{5}{12}\right\} \quad (ii)\left\{\frac{9}{16}\times\frac{4}{12}\right\}+\left\{\frac{9}{16}\times\frac{-3}{9}\right\}$$

SCIENCE:-

1. Each student will collect information and pictures on
    i. Roll nos. 1-10 - Segregation of waste
    ii. Roll nos. 11-20 - Make decorative cloth bag (Recycle)
    iii. Roll nos. 21 - last roll no. - Making compost at home.
2. Each child will make a working model based on what they have studied and relate it to the daily use of science in our lives.

SOCIAL SCIENCE:-

Class Project: Employment & Skill Based Education: Design a poster highlighting energy conservation tips you would take up for your school.

Write any five energy conservation tips and paste relevant pictures.

OR

Design a poster highlighting any one of the topic-

1.Conservation of Wildlife
2. Conservation of Water
3. Conservation of Soil

HINDI:-

(क)'जल है तो कल है' विषय पर अपने अभिभावकों से चर्चा करते हुए जल संरक्षण हेतु अपनाए गए उपायों को ए 4 साइज शीट पर लिखिए ।
(ख) वार्षिक पत्रिका हेतु किसी भी विषय पर स्वरचित,कविता या लेख लिखें ।

PUNJABI:-

ਆਪਣੇ ਮਾਤਾ- ਪਤਾ ਨਾ   ਪਿਸੇ ਧਾਰਧਮਿ ਸਥਾਨ ਦੀ ਯਾਤਰਾ ਿਰੇ, ਸ਼ੂੰਰ ਤਸਵੀਰੰਪ ਔਿਖਿA4 ਸਾ   ਦੀ ਸੀਟ 'ਤੇ
ਗਾ   ਿੳਸ ਬਾਰੇ ਿ ਝੂੰ ਿਤੀਆਂਪੋ।

INFORMATION TECHNOLOGY:-

Collect information about the latest developments in the field of wireless technologies and make a collage.

OR

Create a presentation on the various e-services. Describe the benefits and drawbacks of each service.

GERMAN:-

Make a chart on all the grammatik cases of German language
(Nominative,Akkusative,Dative,Genitive)
ardboards and Origami Sheets .