

"For I know the plans I have for you, declares the Lord, plans to prosper you and not to harm you, plans to give you hope and a future". Jeremiah 29:11



MOUNT CARMEL SCHOOL, CHANDIGARH

HOLIDAYS ASSIGNMENT

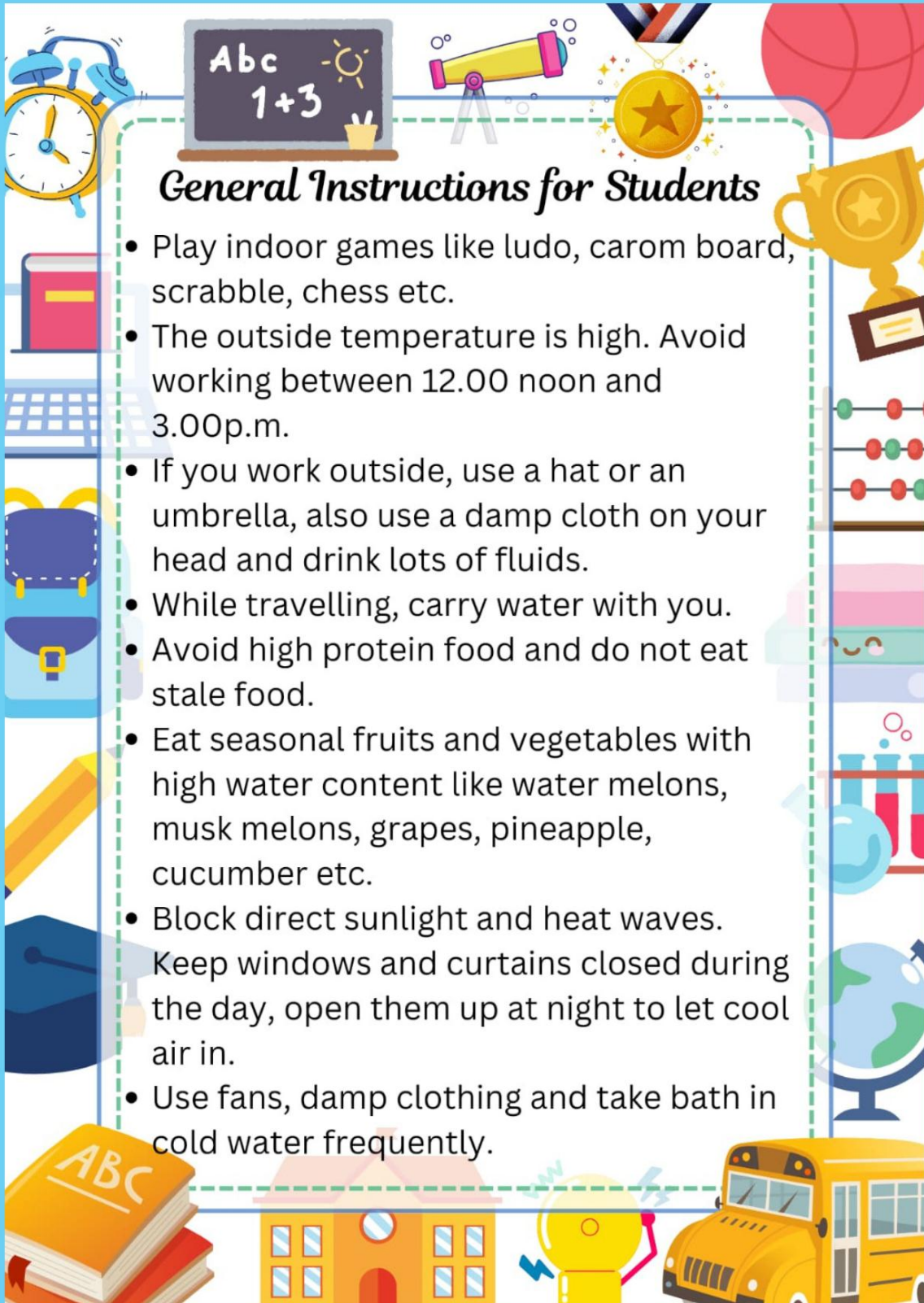
SESSION 2024-2025

CLASS XI

SCIENCE STREAM

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:

Book review: Select a contemporary novel or a classic work of literature that you've read recently and write a detailed book review. Discuss the plot, characters, writing style, and your personal reflections on the book.

OR

Poetry analysis: Select a collection of poems by a particular poet or from a specific literary period and analyze them in depth. Discuss the poet's themes, use of language, and the historical or cultural context.

2.Literary scrapbook exploration project:

Using newspapers and magazines as your primary sources, carefully select posters and advertisements that capture your interest.

Using your creativity and imagination, you will arrange these materials in a visually appealing and informative manner within your scrapbook. Alongside each item, provide a brief commentary or analysis to demonstrate your understanding and insights.

MATHEMATICS:

Note : Do the following activities:

1. Prepare a File illustrating the concept of Complex numbers and its properties.
2. Explain SETS, its types using various examples, mind maps, etc.

CHEMISTRY:

1. Prepare an Investigatory project according to the topics discussed in the class.
2. Make mind map of L-1 'Basic Concepts of Chemistry' and L-2 'Structure of Atom'.

PHYSICS:

Prepare Mind Maps for:

Chapter-1 : Units and Measurement.

Chapter-2 : Motion in a Straight line.

Chapter-3 : Motion in a Plane.

2. Prepare an art integrated project on any topic from:

Chapter-1 : Units and Measurement.

Chapter-2 : Motion in a Straight line.

Chapter-3 : Motion in a Plane.

BIOLOGY:

Concept Map:

Dear Students, You will prepare a detailed concept map/pictorial design for all the Chapters mentioned below in your fair notebook.

Chapter 1 The Living World.

Chapter 2 : Biological Classification.

Chapter 3: Plant Kingdom.

- Art Integrated Project:

Seed Box/ Herbarium file as discussed in the class.

INFORMATICS PRACTICES:

Using all the functions used in Python , Write 14 Python Programs .Take a printout of Input and Output and submit the same in Practical file.

PHYSICAL EDUCATION:-

Revise the following Chapters-

1- Changing Trends and Career in Physical Education

2- Olympic Value Education

Complete the Physical Education Practical File.