The summer assignment is a valuable opportunity for the learners to engage in meaningful learning experiences during the break. It encourages the learners to explore new topics, reinforce previously learned concepts, and develop essential skills such as *critical thinking, creativity, and time management*. By completing summer assignments, the learners can stay connected to their academic pursuits, build confidence, and return to school refreshed and prepared for new challenges. Overall, the summer assignment is a constructive way to bridge the academic gap and foster a love for lifelong learning.

Guidelines:

- The creative assignments for all the subjects is to be done as per the given instructions.
- It must be done in a very neat and presentable manner.
- Unleash your imaginative potential by presenting your ideas in a visually striking way that captivates attention and engages the senses.
- Let your creativity shine through in a bold and memorable format that draws people in and leaves a lasting impression.
- Your assignments will be showcased in the exhibition.
- The assignments should be completed according to your respective Roll Numbers.

CLASS VIII

Following are the assigned assignments as per your Roll Numbers:

➢ **Topic: 1. "Waste to Wealth"**

Roll No: 1, 6, 11, 16, 21, 26, 31, 36

English:
a) Prepare a Magazine (of atleast 15 pages):
b) The magazine should include the following:
c) What is Waste Management? Its impact and solutions. (The solutions can include production of manure at home etc.)
d) Methods of producing manure at home. (Any 2 methods)
e) Make manure at home with the help of biodegradable waste of households. Learners should include pictures of production of manure at home.

Math:
For the product you have created, answer the following questions:
a) Calculate the total cost price of your product materials.
b) Determine the selling price based on market research.
c) Calculate the profit / loss if sold at different places.

Science:

a) Create a small composting setup using an old plastic container. Add layers of biodegradable waste, soil, and dry leaves to demonstrate decomposition by microorganisms.

b) Make recycled paper at home using old newspapers, water and a frame with mesh. Show how waste paper can be reused.

c) Build a simple biogas plant model using a plastic bottle and balloon to explain how organic waste can generate energy.

Social Science:

a) Prepare a model on Indore's waste management system in which waste is managed smartly, e.g. composting, biogas, recycling centre and give a presentation on the same.

Hindi:

क) हवा और पानी' / 'वृकएवं मनुष्य' के बीच एक पृष्ठ में, संवाद लेखन लिखिए।

- ➢ **Topic: 2. "Entrepreneurship build your business"**

  Roll No: 2, 7, 12, 17, 22, 27, 32, 37

  English:

  a) Prepare a report: Research on development of brands (Marketing of Bata, Nestle etc.)

  Math:

  a) Design a startup business and use mathematics to plan, analyze, and present their business model, demonstrating how math is essential in entrepreneurship. Represent your design creatively through a model / chart paper.

  Science:

  a) Create a hydroponics garden using PVC pipes and demonstrate how this technique can be part of a sustainable business.

  b) Test different materials for packaging food items and evaluate their sustainability, linking it to eco-friendly business practices.

  Social Science:

  a) Compare a small business in a village with one in a city by creating a model. Choose a type of business (grocery store, tailor, etc.). Research or imagine how it would work in both Rural and Urban settings and differentiate between their customers, pricing, profits, etc.

  Hindi:

  क) अपने व्यवसाय को आगे बढ़ाने हेतु नए उत्पाद की बिक्री हेतु एक संक्षिप्त प्रस्तुतीकरण दीजिए। (मौखिक अभिव्यक्ति)

- ➢ **Topic: 3. "Exploring Indian heritage "**

  Roll NO: 3, 8, 13, 18, 23, 28, 33, 38

  English:

  a) Scripting of Folklores on chart paper and prepare a presentation on it.

Math:

a) "Mandna is a tribal wall and floor art made with chalk or white clay on red mud base". Create a "Mandna art" on a chart paper which depicts shapes, animal figures, floral patterns and spiritual symbols.

Science:

a) Create a map of a heritage site and highlight the flora and fauna, showcasing the importance of ecological preservation.

b) Design traditional headgear or jewellery representing different states.

Social Science:

a) Create a spinning wheel displaying different monuments of India (e.g. Sanchi Stupa, Khajuraho, Hawa Mahal, etc.).

Hindi:

क) पर्यटन को बढ़ावा देने हेतु एक आकर्षक विज्ञापन बनाइए।

- ➢ **Topic: 4. "Women and Indian history"**

  Roll NO: 4, 9, 14, 19, 24, 29, 34, 39

  English:

  a) Create a collage showcasing the journey of women towards equality and upliftment. Also prepare a chronology of prominent women from medieval to the modern era. Include their contribution towards society. (Minimum 15 women are to be included)

  Math:

  a) Collect the data of literacy rate of women in five different states of India from 1995-2025, in 5 years' interval and represent it in form of bar-graph state wise. What information do you get from your graph?

  Science:

  a) Create a rotating timeline with gears, showcasing the contribution of women in science and history.

  b) Tell the story of a lesser-known woman leader who made a big impact.

  Social Science:

  a) Design an eye-catching poster on women freedom fighters (e.g. Rani Lakshmi Bai, Sarojini Naidu,Vijay Laxmi Pandit, etc.). You can also include their contributions and quotes.

  Hindi:

  क) रानी लक्ष्मी बाई / सरोजिनी नायडू में से किसी एक के बारे में कविता लेखन कीजिए।

- ➢ **Topic: 5. "Human rights and social justice"**

  Roll NO: 5, 10, 15, 20, 25, 30, 35, 40

  English:

  a) Prepare a creative magazine/ bookmarks on Human Rights and Social Justice based on the Indian Constitution. Minimum 10 instances can be taken

regarding various verdicts related to Human Rights and Social Justice. (One bookmark for each instance)

Math:

a) Collect the percentage of children with/without access to education. Represent the collected data by a model of Pie-Chart.

Science:

a) Display a graph or chart tracking access to education and healthcare in different areas, explaining how science helps identify gaps.

b) Use cards to explain rights like "Clean Water" or "Education for All."

Social Science:

a) Prepare a poster on the topic "Say no to Child Labour" to protect human rights. You can include drawings, pictures, slogans etc.

Hindi:

क) 'मानवाधिकार एवं सामाजिक न्याय' विषय पर आधारित एक रंगीन पोस्टर बनाइए।

Students are requested to follow the guidelines given by educators to complete assigned task.