

THE STUDY

Summer Break Holiday Homework Academic Year 2025-26 Grade 8

Dear Parents,

To cater to holistic learning and development of children, the school has planned certain activities under the Art Integrated Learning. It is a teaching learning model which is based on learning 'through the arts' and 'with the arts'.

1. English:

- Design a poster with a catchy slogan and visual representation related to a topic, such as the value of books or a social issue.

2. Hindi:

- "हिंदी दिवस" से संबंधित सुन्दर चार्ट निर्माण करें।
- "हिंदी का महत्व" विषय पर A4-size रंगीन पेपर पर कविता लेखन कीजिए।

3. Sanskrit:

निम्न कार्य A4-size पेज पर कीजिए।

- संस्कृत विषय का किसी एक कवि का कवि परिचय लिखिए।
- पर्याय या विपर्याय शब्दों का एक चार्ट बनाइए।

4. Science:

- On a chart paper draw the refining of petroleum to get various constituents.
- Provide examples of friction in various everyday actions. (Give at least 10 examples)

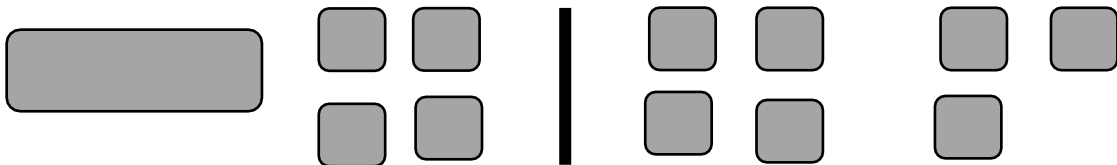
5. Mathematics:

Activity: To solve linear equation in one variable by activity method.

LHS means Left Hand Side, RHS means Right Hand Side

To solve $x + 4 = 7$

Start by taking one long rectangular piece to represent 'x' and 11 small square pieces to represents constant 4 and 7.



Create two separate work are as one for LHS and the other for RHS of the equation. Keep the long rectangle piece and 4 white square pieces on LHS and 7 small square pieces on RHS.

Now to maintain the balance on both side and to find value of X, you have to remove 4 boxes from both sides.



This gives $x = 3$ which is the answer to above equation.

Using same technique you have to solve following equations.

a) $x - 8 = 4$

b) $x + 6 = 11$

c) $x - 5 = 11$

d) $x - 9 = 14$

e) $x + 7 = 9$

f) $x - 8 = 10$

to perform subtraction use different coloured small boxes and then you have to add original small boxes to balance the equation.

6. Social Studies:

- Create a simple model using clay, cardboard or waste materials showing a natural resources (example: a dam, forest, solar panels)

7. ICT:

- **Theme:** Create Infographics on ICT Topics
- Use **pictures, diagrams, symbols, and short texts** to present information in a clear and attractive way.
- You can create your infographic chart either **by hand** (using colours, charts, drawings) or **digitally** using free online tools like **Canva** or **PowerPoint**.

Topics to choose from:

a. Types of Networks (LAN, MAN, WAN)

- Show the differences between LAN, MAN, and WAN with examples and diagrams.

b. Cyberbullying Awareness

- Create an infographic on what cyberbullying is, its effects, and how to prevent it.

c. HTML Basics

- Show common HTML tags (like `<html>`, `<body>`, `<h1>`, `<p>`) and their uses.

d. Top Emerging Technologies in 2025

- Introduce exciting fields like AI, Blockchain and Augmented Reality with simple visuals.

8. Art and Craft:

Make a chart about the topic “Artificial Intelligence”.

9. Follow your regular bedtime schedule. Observe silence time and do simple yoga exercises to keep yourself fit.
10. Cherish and celebrate happy moments with your family by eating together and playing indoor games.
11. Try and speak in English all the time you can.
12. Read books, comics and magazines that you like.
13. Make up a dance routine to your favourite song.
14. You feel happy when you spread love and warmth everywhere.

Do something kind for someone.

Regards,

The Study