

THE STUDY

Summer Break Holiday Homework Academic Year 2025-26 Grade 10

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:

- **Script a Short Film:** Write a script for a short film based on a novel or a story you've read, incorporating dialogue and stage directions.
- **Design a Book Cover:** Design a book cover for a novel or short story, including a title, author name, and illustrations that reflect the theme or plot.

2. Hindi:

- आधुनिक पीढ़ी एवं प्राचीन पीढ़ी के व्यक्तियों का "बेरोजगारी" अथवा "वर्तमान शिक्षा प्रणाली" विषय पर साक्षात्कार लेकर तुलनात्मक अध्ययन कीजिए साथ ही परियोजना में साक्षात्कार के प्रश्न एवं साक्षात्कार लेते हुए फोटो भी लगाइए। उपर्युक्त कार्य A4-size रंगीन पेपर पर करें।

3. Sanskrit:

निम्न कार्य A4-size पेज पर कीजिए।

- ग्रीष्मकाल में जहाँ घूमने गए हैं उसका अथवा उदयपुर का कोई एक प्राकृतिक दृश्य का फोटो चिपकाकर उसका चित्र वर्णन 5 वाक्यों में कीजिए।
- संस्कृत भाषा में अपने घर में पायी जाने वाली 10 वस्तुओं के नाम लिखिए।
- संस्कृत भाषा की कोई 10 सूक्तियों के अर्थ सहित लिखिए।

4. Biology:

- Make a chart on given topic.

5. Chemistry:

- Solve the worksheet based on the practical observation and paste it in your chemistry notebook.

6. Physics:

Activity: Prepare a file using A4-size sheets.

- Taking focal length = 7cm, radius of curvature = 14cm, and height of the object = 3cm for a converging mirror draw ray diagrams and write

characteristics of the image formed, for following cases where object has been placed-

- at infinite distance from mirror.
- at 18 cm from mirror
- at 14 cm from mirror
- at 12 cm from mirror
- at 7 cm from the mirror
- at 4 cm from the mirror.
- Also measure height of the image and image distance from the diagram and mention it with characteristics.

Note: Use different sheet for each ray diagram.

7. Mathematics:

- Solve all the questions of worksheet no. 1, 2 and 3 in homework notebook.
- **Project 1:** Draw graphs of quadratic polynomials x^2-1 , x^2-2 , x^2-3 , x^2-4 on the same graph paper and explain the changes in the shape.
- **Project 2:** To identify fractals in nature and then draw a Sierphinski Triangle.

8. Social Studies:

- Prepare a project on any one of the given topic:
 - Consumer Awareness
 - Social Issues
 - Sustainable Development

Note: Paste photographs and make Bibliography of websites from where the content will be extracted.

9. Art and Craft:

- Make a 2D/3D model of any Indian monument using cardboard, thermocol, glue etc.

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

Do something kind to someone.

Regards,
The Study