

THE STUDY

Summer Break Holiday Homework Academic Year 2025-26 Grade 9

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:

- Read a novel and write a book review of it.
- **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.

Do all the above activities on an A4 size sheet with the coverage.

2. Hindi:

- "स्वतंत्रता दिवस" से संबंधित सुन्दर चार्ट निर्माण करें।
- "देशभक्ति" विषय पर A4-size रंगीन पेपर पर कविता लेखन कीजिए।

3. Sanskrit:

- संस्कृत के कोई दो श्लोक व उनके अर्थ लिखिए तथा उनके सस्वर वाचन अर्थ सहित रिकार्ड कर वीडियो बनाकर संस्कृत के अध्यापक को वाहट्सएप्प कीजिए।
- संस्कृत व्याकरण में धातुरूप का कोई एक चार्ट बनाइए।

4. Biology:

- Make a chart/model on any one topic:
 - plant cell or animal cell
 - Types of cell according to their shape and size.

5. Chemistry:

- Solve the worksheet and paste it in your chemistry notebook.

6. Physics:

Activity:

- Plan a long drive with your parents.
- Note down odometer reading when your trip starts.
- Note down time at the moment your trip starts.
- During the trip note down at least 25 readings of instantaneous speed at different time, note time of that instant also.
- Again, note down odometer reading at the end of your trip.

- Note down time at the moment your long drive ends.
Now,
- Plot a speed – distance graph for your trip.
- Calculate average speed of the trip.
- Calculate acceleration at five different instants using data from your readings.
- Categorize above values of acceleration as positive acceleration, zero acceleration and retardation.
- Find out maximum and minimum (non zero) speeds.
- From maximum and minimum speed values, calculate average velocity.
- Write a paragraph explaining how this activity helped you understand different concepts of motion.

7. Mathematics:

- Solve all the questions of worksheet no. 1 and 2 in homework notebook.
- Project 1: Identify tessellations in the environment and then create 4 new tessellations.
- Project 2: Prepare a chart about “Difference between Polynomials and Equations”.

8. Social Studies:

- Make a research paper about “deforestation and scientific forestry during colonial period in India”

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

9. Art and Craft:

- Prepare a write up about the two famous painters of India with the names of their paintings and the pictures of the paintings.

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