



AUROBINDO INTERNATIONAL SCHOOL

(Affiliated to CBSE, Affiliation No. 1730992)

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Affiliation No. 1730992

Class: X **Session 2023-2024**

Dear Students,

As the warmth of the summer sun approaches, it's time to embrace the much-anticipated summer holidays! We hope this break provides you with ample opportunities to relax, recharge, and explore new horizons. However, before you embark on your well-deserved vacation, we have some exciting yet enriching homework assignments to keep your mind engaged during this period.

We believe that learning doesn't have to be confined to the four walls of a classroom, and the summer holidays offer the perfect canvas for expanding your knowledge and nurturing your creativity. These assignments are designed to provide you with a sense of adventure, intellectual stimulation, and personal growth.

Throughout the summer, our dedicated team of educators will be available to guide and support you whenever needed. Feel free to reach out to us for any clarification, inspiration, or assistance you may require on your homework assignments.

We eagerly await your return in the coming academic year to hear about your captivating experiences and witness the growth you have achieved. Make the most of this summer break, embrace the joy of learning, and let your enthusiasm shine through!

Wishing you a truly unforgettable and enriching summer holidays!

'TO-DO' LIST DURING THE HOLIDAYS:

- *Spend time outdoors, walking, playing, jogging etc.*
- *Speak to your friends, don't just message them on social media.*
- *If you are lucky enough to have siblings, plan some special time to hang-out together or play with them.*
- *Try to have meals without a mobile phone so that you can interact with your family members without distraction.*
- *Read good books. A few of them are suggested in this assignment too.*
- *Do something kind such as pulling weeds out in garden, watering the plants, helping your family members in their daily chores.*
- *Tidy your room and make your bed, you have plenty of time!*
- *Relax... and come back refreshed to take up school tasks with full zeal after vacation!*

INSTRUCTIONS

- ❖ Entire work would be assessed for internal assessment.
- ❖ Work should be based on creativity, productivity and clarity.
- ❖ Punch the A-4 size sheets and submit in a single file for all subjects. Scrapbook to be submitted separately.
- ❖ Revise & prepare syllabus of PA-1 for upcoming exam for all subjects in the month of July for a glorious achievement.

Sub: English

1. Mixed Media Art: Use a variety of media, such as paint, charcoal or collage, to create a mixed media artwork that captures the themes and motifs of the story. Use layers and textures to create a visual representation. (Nelson Mandela)
2. Study Naga Literature: Read and analyse Naga Literature, such as the works of Temsula Ao or Easterine Kire. Write a critical analysis of one of their works, focusing on themes such as identity, culture, and tradition.

Note: Write it on A4 size sheets.

Sub: Hindi

विशेष निर्देश:-

1. समस्त कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा।
2. कार्य आकर्षक, सृजनात्मक और प्रस्तुति योग्य होना चाहिए।
3. इनके अंक परीक्षा में जोड़े जाएंगे।

मूल्यांकन बिंदु	अंक 5
1. रचनात्मकता	2
2. वर्तनीगत शुद्धता	2
3. सुलेख	1

कार्य:-

1. नागालैंड प्रदेश की प्राकृतिक व सांस्कृतिक धरोहर के विषय में जानकारी एकत्रित करके चित्र सहित प्रोजेक्ट फाइल तैयार कीजिए
2. अपने विद्यालय में हुए वृक्षारोपण समारोह का वर्णन करते हुए अपने मित्र को पत्र लिखिए।
3. तबला हारमोनियम जैसे वाद्ययंत्रों की सेल के लिए आकर्षक विज्ञापन तैयार कीजिए।
4. नेताजी सुभाष चंद्र बोस का रेखाचित्र (स्केच) बनाते हुए उनका 'स्वतंत्रता संग्राम में योगदान' विषय पर परियोजना कार्य तैयार कीजिए।
5. निम्नलिखित वर्णित रचनाकारों की रचनाओं में से स्वरूचि अनुसार किसी एक रचना का ग्रीष्मावकाश में अध्ययन कीजिए।

मुंशीप्रेमचंद – गोदान, कर्मभूमि, पूस की रात

मैथिलीशरण गुप्त – साकेत, पंचवटी

सुमित्रानंदन पंत – पल्लव

महादेवी वर्मा – अतीत के चलचित्र

सुभद्राकुमारी चौहान – बिखरे मोती

Sub: Mathematics

1. Make a working model of A.P

<https://youtu.be/t22WdzVYhZM>

2. **Project -1:** Art integrated project :Make a project file, for comparison between Rajasthan and Nagaland on various components like (population by rural/urban, Crops and problems, languages, climate, male-female literacy rate)

For Rajasthan data kindly see this (<https://youtu.be/iwU5VPFsmky>)

For Nagaland data kindly see this (<https://youtu.be/EVWX3o8A9nI>)

Sub: Science

Physics

Dear Students, Kindly note that the following points:-

- Keep your work neat, well-organized, and free from grammatical errors.
 - Cite your sources for any information or images used.
 - Demonstrate creativity, critical thinking, and a genuine interest in physics.
 - Enjoy the process and feel free to explore additional physics concepts that interest you.
1. Research Project: Famous Physicists (**Roll No. 1 to 12**)
 - Choose a famous physicist (e.g., Albert Einstein, Isaac Newton, Marie Curie) and research their life, contributions to physics, and impact on scientific knowledge.
 - Create a visually appealing poster or PowerPoint presentation summarizing your findings.
 - Include relevant images, diagrams, and key discoveries associated with the physicist.
 2. Science News Article: Innovative Technology (**Roll No. 13 to 23**)
 - Find news articles related to an innovative technology or invention in the field of Physics.
 - Summarize the article and explain the underlying physics principles involved.
 - Discuss the potential impact of the technology on society, everyday life, or specific Industries.
 - Provide your own insights and opinions on the advancements and potential future developments.

Note: The project is to be done using loose sheets - white/coloured A4 size sheets. The Project Report should be hand written by the students themselves. Submit your completed projects in the format specified on 3rd July, 2023 (Monday).

Chemistry

1. Make a portfolio on use of acids, base and salt in everyday life.
2. Make working model of any one of the following –
 - Make your own soap (Roll no. 1 to 7)
 - Distillation of water (Roll no. 8 to 15)
 - Make liquid dispenser with clap sensor (Roll no. 16 to 23)

Biology

Students have to submit one working / still model according to the Roll No. and topic allotted to them
Suggested Models of Biology are:-

1. Working Model of Heart (Roll No. 1 to 3)
2. Working Model of Excretory System (Roll No. 4 to 6)
3. Working Model of Lungs (Roll No. 7 to 10)

4. Rain Water Harvesting (Roll No. 11 to 15)
5. Still Model of Brain (Roll No. 16 to 18)
6. Still model of Animal Cell (Roll No. 19 to 21)
7. Still model of Plant Cell (Roll No. 22 & 23)

Sub: Social Science

Prepare a detailed project on **ANY ONE** of the following topics

CONSUMER AWARENESS

- Meaning
- Need for consumer Awareness
- Ways of consumer exploitation
- Rights & Duties of a consumer
- Measures of Government of India to protect the rights of a consumer.
- Consumer Redressal Process, Provide-2 Case studies (one each of Rajasthan and Nagaland)
- Ways to spread consumer awareness – design an advertisement spreading consumer awareness

Note: Use related articles, pictures, slogans, statistics etc.

OR

Sub: SOCIAL ISSUES

Choose any one social issue faced by the people of Nagaland and do a thorough research on it on the basis of the following hints given below:

- i) What is the issue and how is it affecting society?
- ii) Present status of the issue (through data, reports etc.)
- iii) Suggest few probable solutions of the problem

Also, make a comparative study of the chosen issue with that of Rajasthan.

- iv) Locate and label the two states on the political map of India.

OR

SUSTAINABLE DEVELOPMENT

A. PROJECT:

- Meaning, Need and Importance of sustainable development.
- Goals and Strategies for sustainable development.
- Write some innovative steps to encourage citizens to become sustainable consumers.
- Write about the contribution of any two environmental activists each from Rajasthan and Nagaland in working for achieving the sustainable development in their states.

B. Design a poster or collage or write a self-composed poem to depict how you can contribute to achieve the goals of sustainable development in your area.

Project should be developed and presented in this order

- I. Cover page showing project title, schools name, students name, class and section and academic session (year)
- II. List of contents with page number (Index) (approx...15 pages)
- III. Summary and conclusions based on findings.
- IV. Bibliography should have the sources used as reference (e.g. encyclopedia, journals, magazine, website, the name of the website/link.etc)

Sub- Information Technology

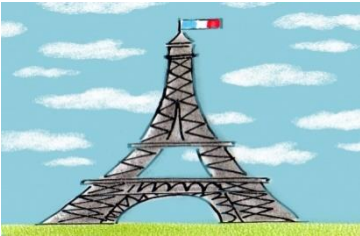
- 1) Gather information and make a creative Power Point Presentation on “Festivals celebrated in Rajasthan and Nagaland”
- 2) Create a template based on your Report Card formatting, for a new Report Card. You just need to create a new document based on this template .Write down the steps for doing the given procedure.

Points to Remember:-

- Your Presentation should include minimum 7 slides and maximum 10 slides.
- The first slide should include your complete name, class, and section along with the heading " Festival celebrated in Rajasthan and Nagaland."
- You can E-Mail the PPT and Template to this id- poojajakhar156@gmail.com and mention your name and class in subject column.

Sub: French

- 1.Écrivez un exposé sur vos projets d'avenir. Que ferez-vous après avoir complété vos études scolaires



- 2.Expliquez l'histoire/ la cuisine/ les fêtes/ les danses/ la géographie etc. de Nagaland. Écrivez dans votre propre mots.

(Faites sur la feuille A4)

