

Objective:

1. To enhance the creativity and to engage the children constructively during their vacation.
2. To engage the students in exploratory and hands-on activities to acquire basic cognitive and psychomotor skills.
3. To keep the children connected with the syllabus.
4. To develop scientific temperament and its application in daily life.
5. To prepare students for their exams by giving practice on the questions.
6. To provide the students a broad understanding of the G-20 goals specific to Science and Technology and to help them develop critical thinking and quantitative reasoning skills.

INSTRUCTIONS

| WEEK | WORK TO BE COMPLETED |
|-------------|---|
| Week 1 | Complete Physics, Chemistry, Biology work in the notebook (NCERT exercise). |
| Week 2 | Complete the experiments in Biology and Chemistry Practical file. |
| Week 3 | Complete Assignment No.2 in Physics Homework Notebook and revise for PT-1 exam. |
| Week 4 | Art- integrated Project Work |

Instructions for Art-integrated Project Work :

As per the guidelines shared by CBSE class X students are required to work for the completion of science portfolio for internal assessment..

Portfolio Activity:

- Presentable, Hand written project (case-study).

- The project should contain 5-6 pages including a cover page stating Name, Class, Roll no. Name of the Topic.
- Submit the project in the first week of July.

Based on the chapter, 'Management of Natural Resources' <https://ncert.nic.in/ncerts/l/jesc116.pdf> , Research and Make a case study on any one of the topics.

TOPICS (choose any 1)

- a. LimeStone caves of Andaman and Nicobar Islands.
- b. Water harvesting methods of Andaman & Nicobar Islands.
- c. Renewable Sources of Energy being used in Andaman and Nicobar Islands.

Sequence of the Project to be followed:

1. Introduction to the topic.
2. Main content (the real work being done in Andaman and Nicobar Islands. , quote examples, real cases, data etc.)
3. Related pictures should be added.
4. Conclusion (Write what you have understood about the topic. You can also give suggestions or your ideas.)