



Winter Project 2022
Grade 7B
Science

Chapters selected:

1. Chapter 8: Weather, Climate and Animal adaptations
2. Chapter 9: Soil
3. Chapter 12: Reproduction in plants
4. Chapter 17: Water
5. Chapter 18: Forest – Our lifeline

Objectives:

1. To build civic responsibility in students
2. To inculcate scientific quest in children
3. To gather preliminary information that will help define problems
4. To develop scientific attitude and problem-solving skills
5. To bring children close to nature

Type of the project: Art integrated project (Investigatory in nature)

Idea of execution:

1. Students of grade 7 B are divided into 7 groups with 3 to 4 students in a group.
2. Each group is given subtopics and exploratory questions and activities. (As attached in the next page)
3. Students have to submit the project as hard copy and photographs as soft copy evidence.
4. Time will be given for them to present the same in the class along with the photo evidence if any, w.r.t their subtopics.

Rubrics:

1. Content & its presentation (2 marks)
2. Originality (2 marks)
3. Punctuality (1 mark)

Roll no:	Name Of The Student	Chapter	Exploratory questions/ Activities
1	Abhinav Nair	8	1. Click pictures of the sky from the same spot in your house every day at 10 am and 4 pm. 2. Analyze the pictures and make observations and comments on the climate and weather of the days.
2	Adwaith O R		
20	Mathews Joseph		
3	Alviya Mary Baiju	12	1. Demonstration of asexual reproduction in plants – New plant from stem, Root, Leaf. 2. Find example plants for each category, plant one and take pictures of each step
6	Evelin Varghese		
10	Ishan Siyad Pareeth		
4	Anna Maria Tom	12	1. Demonstration of asexual reproduction in plants – Budding, Layering. 2. Find example plants for each category, carry out the procedure and take pictures of each step
11	Joseph Saju		
17	Sandra George		
5	Eva Maria John	18	1. How are organisms interdependent through food chain? 2. Prepare an innovative chart on any three food chains.
12	Mahmood M K		
13	Muhammad Faris		
7	Faridah Sameer	9	1. Collect the samples of different types of soils. 2. Implement or identify the methods to prevent soil erosion in/from your locality and write small description on it along with pictures.
8	Farza Nawfal		
14	Muhammed Nihal		
16	Nihal Nirmal	17	1. What are the reasons behind Water scarcity and how humans are being threat to their own existence by polluting water? 2. Implement or identify the methods to conserve wayer in/from your locality and write small description on it along with pictures.
18	Sidharth Mathew		
19	Abdulla Haneef		
15	Muhammed Rafi		