



**WINTER PROJECT
GRADE 8
SCIENCE**

CHAPTERS SELECTED

- CHAPTER 1: CROPPRODUCTION
- CHAPTER 6: COMBUSTION AND FLAME
- CHAPTER 7: CONSERVATION OF PLANT ANDANIMALS
- CHAPTER 9: REPRODUCTION
- CHAPTER 14: CHEMICAL EFFECTS OF CURENT
- CHAPTER 15: SCIENCE & NATURAL PHENOMENON
- CHAPTER 18: OUR UNIVERSE
- CHAPTER 19: POLLUTION OF AIR ANDWATER.

OBJECTIVES:

- 1.To develop scientific aptitude
- 2.To build social and civic responsibility in students
- 3.To observe nature and learn from it.

TYPE OF PROJECT: Art integrated project

Idea of work:

- 1.Students are divided into11 groups with 3 students each.
- 2.Time is given for submission and presentation n class.
- 3.Each group is given subtopics on which they have to preapare a ppt or chart.

RUBRICS:

- 1) 1.Use of graphics: (2 marks)
 - a) Pictures
 - b) Slide
 - c) Animations
- 2) Content and its presentation (2 marks)
- 3) Punctuality and neatness (1 marks)

NO	NAME	TOPIC
1.	1.AFREEN ABDUL RAHIM 2.GOURINANDA A N 3.IANA ACHU ABRAHAM	1.Agricultural system prevalent in Kerala. 2.Importance of organic farming in the current context. 3.Study on chemical pesticides and fertilizers vs organic pesticides and fertilisers. Ch :1
2.	1.ELVIN ISSAC SHIBU 2.JOSHUA M JACOB 3.KRISH BIJU	1.What are the major threats to western ghats ? 2.How can you strengthen the biodiversity in your area 3.What are substitutes for deforestation. Ch:7.
3.	1.LIZA JOSEPH 2.MUHAMMED RAZI 3.NAINA SUBHASH	1.What is the difference between zoo and wildlife sanctuary? 2.What is the need to conserve extinct and endangered species? 3.Which are the steps taken by govt of India for conservation of endangered species Ch: 7
4.	1.SALVO BINOY 2.SREEHARI J NAIR 3.SERA ELIZABETH HARRY	1.What are the application of fire extinguishers? 2.Explain different types of fire extinguishers used? 3.New trends in fuels replacing fossil fuels. Ch:6
5.	1.TRESSIA ALPHONSA NIKHIL 2.VEDHA THOMAS 3.ARYAN ANIL	1.Mention any 5 environmental movements in India. 2.Suggest some action plans to improve the environment of your locality. Ch:7
6.	1.AMEER MUHAMMED 2.DIYA PRAMOD KRISHNAN 3.GOWRIKRISHNA	1.How noise pollution affects the marine life? 2.What are the methods to reduce noise pollution? Ch13
7.	1.JAZIEL HARVEY THOMAS 2.JOHAN JACOB 3.KRIS JOSEPH MIDHUN	1.What are the factors affecting electrolysis? Do this by simple experiments and record the findings. 2.What are the applications of electrolysis in daily life? 3.Make different fruit cells using different fruits. Ch:14
8.	1.KRIESEL JOJO 2.MUHAMMED M K 3.MELVIN POONELY PAPPU	1.What is 'flash to bang method" 2.What is 30 30 rule in lightning 3.Find any 10 amazing facts about lightning.

		Ch: 15
9.	1.NADHANIYA 2.NEHA P SALI 3.PRARTHANA BIJUKUMAR	1.What are the precautions to be taken when we get an earthquake warning? 2.Compare hypocentre and epicentre. 3.How the buildings in earth quake area must be? Ch:15
10.	1.SERENE SARA SACHIN 2.SUSAN JAMES 3.VISHAL S	1.A study on how our rivers are polluted and how it can be prevented? 2.A study on the steps taken to reduce pollution in Ganges and Pampa 3.What is Minamata incident? Ch:19.
11	1.VINSOGE VIJI 2.CHRIS MANU VARGHESE 3.SIDDHARTH GOPAL	1.Observe the positions of stars in the sky daily and trace the patterns seen. 2.Would the footprints in moon still be there? Is sound audible in moon? Make a document with some 10 interesting facts about moon. Ch 18