

SAINIK SCHOOL AMARAVATHINAGAR

HOLIDAY HOMEWORK 2019-20

CLASS: VIII

SUBJECT: BIOLOGY

S. NO	TOPIC	ACTIVITY	TIME PERIOD	SKILL ENHANCED/ LEARNING OUTCOME	ANNEXURE NO
1	Agricultural Practices	Data collection, browsing and answer the HOTS.	1 Hour	Enrichment of the topic through problem solving.	A
2.	Ploughing Techniques	Diagrammatic illustration- Learn the uses of agricultural implements	1 Hour	Enhance drawing skills and to nourish the conceptual knowledge	B
3.	Sowing methods	Comparative-study- Collect News paper cut outs and answer HOTS	2 Hours	Sample collection, exploring subject knowledge through sample collection	C
4.	Manures and Fertilisers	Project- prepare an informative chart. Sample collection, case study Effect on environment.	2 Hours	Explore the concept through data collection and chart making- enhances the inquisitiveness towards learning.	D
5.	Irrigation Techniques	Construct the model of irrigation that conserves water	2 Hours	Project making	E
6.	Harvesting and Storage	HOTS	.1 Hour	Enrichment of the topic through problem solving.	F

Annexure:

- A. Agricultural practices: Short answer questions
B. ploughing: Short answer and descriptive questions
C. Sowing: Short answer questions/Project
D. Effect of manures: Project
E. Irrigation : Define with examples/model making
F. Harvesting : HOTS

TEACHERS NAME

RECOMMENDED BY VICE PRINCIPAL

APPROVED BY PRINCIPAL

Signature

Signature

ANNEXURE - A

1. 1 Write a note about plant breeding practices in India with examples.
1. 2 What is green revolution? What is its importance?
1. 3 Write a description about history of farming practices in India.

ANNEXURE - B

- 2.1 Draw the pictures of some agricultural implements used for ploughing.
- 2.2 Give the uses of these implements.
- 2.3 What are the advantages of ploughing?

ANNEXURE - C

- 3.1 Draw the picture of a seed drill and write its advantages.
- 3.2 Write a short note on traditional ways of sowing and its effects.
- 3.3 What are HYV and HBV seeds? What are their advantages?

ANNEXURE - D

- 4.1 Prepare a project on effects of manures and fertilisers for farming and to environment.
- 4.2 Collect the paper cut outs or articles related to the topic
- 4.3 Give its impacts to the food sector and environment.

ANNEXURE - E

5. Construct a model of irrigation that conserves water and list out its advantages.

ANNEXURE - F

- 6.1 What happens if the seeds are not stored properly?
- 6.2 Collect pictures of harvest festivals in our country with their respective state.
- 6.3 Collect some information about the places where large scale storage of grains is done.