

SAINIK SCHOOL AMARAVATHINAGAR

HOLIDAY HOMEWORK 2019-20

CLASS: VII

SUBJECT: BIOLOGY

S. NO	TOPIC	ACTIVITY	TIME PERIOD	SKILL ENHANCED/ LEARNING OUTCOME	ANNEXURE NO
1	Nutrition	Define the different types of nutrition with examples.	1 Hour	Enrichment of the topic through problem solving.	A
2.	Photosynthesis	Illustrate with diagram and equation	1 Hour	Enhance drawing skills and to nourish the conceptual knowledge	B
3.	Parasitic plants	Collect pictures of parasitic plants and to Prepare an album	2 Hours	Sample collection, exploring subject knowledge through sample collection	C
4.	Insectivorous plants	Project- prepare an informative chart with various plants of this group	2 Hours	Explore the concept through data collection and chart making- enhances the inquisitiveness towards learning.	D
5.	Saprotrophs and Symbiosis	Differentiation with examples	30 minutes	Comparative study to clarify the conceptual knowledge.	E

Annexure

- A. Nutrition : Short answer questions
B. Photosynthesis: Short answer and descriptive questions
C. Parasitic plants: Short answer questions/Project
D. Insectivorous plants: Project
E. Symbiosis and saprotrophs: Define with examples

TEACHERS NAME

RECOMMENDED BY VICE PRINCIPAL

Signature

APPROVED BY PRINCIPAL

Signature

ANNEXURE - A

NUTRITION- DEFINE WITH EXAMPLES

- 1.1 Autotrophic nutrition and autotrophs
- 1.2 Heterotrophic nutrition and heterotrophs
- 1.3 Parasitic nutrition
- 1.4 Saprotrophic nutrition and saprotrophs

ANNEXURE - B

PHOTOSYNTHESIS- DRAW DIAGRAM AND EXPLAIN.

- 2.1 Define photosynthesis with diagram.
- 2.2 Give word equation to explain the process.
- 2.3 Draw the structure of stomata and define it.

ANNEXURE - C

PARASITIC PLANTS-SAMPLE COLLECTION

- 3.1 Define parasite and host.
- 3.2 Prepare an album with pictures.
- 3.3 Why they do such mode of nutrition?

ANNEXURE - D

INSECTIVOROUS PLANTS –PROJECT WORK

- 4.1 Sample collection- Images-Examples
- 4.2 Prepare a collage –chart paper
- 4.3 Explain the mechanism of nutrition in collage itself

ANNEXURE - E

SYMBIOSIS AND SAPROTROPHS

- 5.1 Tabulate the differences with examples.