

PENANG SANGAM HIGH SCHOOL
P.O.BOX 44, RAKIRAKI
LESSON NOTES

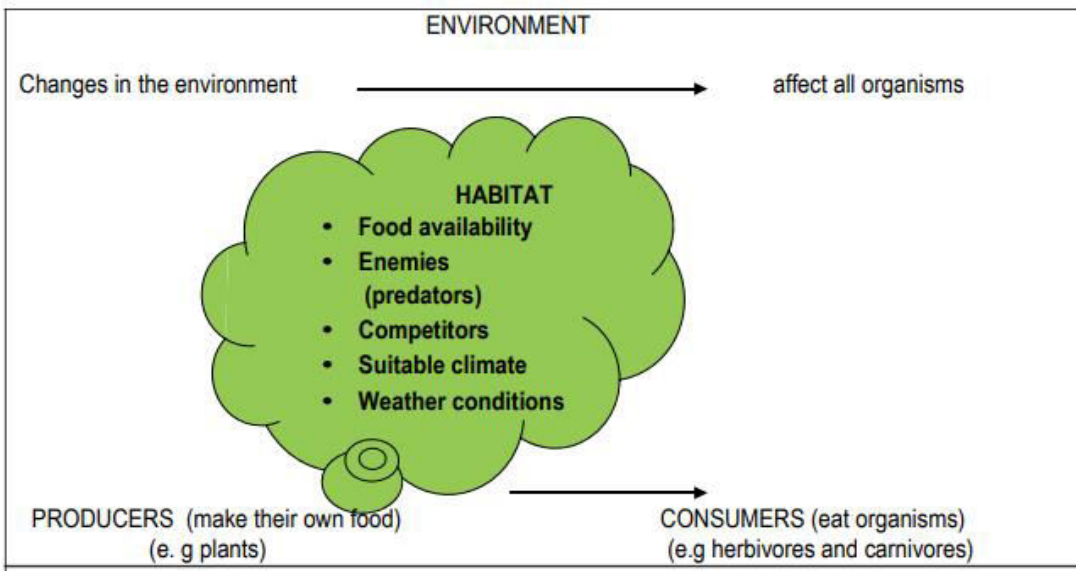
Subject: Basic Science

Year/Level: 9

Week 8

Strand	1 : LIVING THINGS AND THE ENVIRONMENT
Sub Strand	1.2 : LIVNG TOGETHER
Content Learning Outcome	Discover and discuss the features of the environment in terrestrial and aquatic ecosystems and account for organisms adaptability to such environment for survival.

What is Environment?



- study of living things and the environment basically involves the study of the relationship between living things themselves and also with their environment that is shown by:
 - ✓ how they interact
 - ✓ how they depend on one another for survival
 - ✓ how they influence one another

Ecosystem

- are living systems which link together these five components (three of which are alive):
 1. energy
 2. chemicals
 3. producers
 4. consumers
 5. decomposers.

• **Examples of ecosystems:**

- ✓ natural forest
- ✓ mangrove forest
- ✓ home garden

- ‘mega life’, made up of many kinds of plants, animals, decomposers, together with water, soil chemicals and all these energized by sunlight.
- Chemicals move from one life- form to another and are continuously recycled.
- **Habitat** : exact place where an animal or plant lives.
- If it is very small, like a damp area under some leaves, then it is called a **micro-habitat**.

Terrestrial Ecosystems Examples

- ✓ Grassland
- ✓ Forest
- ✓ Garden

Aquatic Ecosystems Examples

- ✓ Reef
- ✓ creek
- ✓ Coastal

ACTIVITY:

1. Define and give an example on the two components mentioned below.

a) Producer

b) Consumer

2. Name the two types of Ecosystems and give two examples of the mentioned ecosystems.

a) _____

b) _____

3. Name the habitat of the following organisms.

a) Birds? _____

b) Fish? _____

c) Frogs? _____

d) Earthworms? _____

...STAY SAFE... 