

**BA SANGAM COLLEGE**

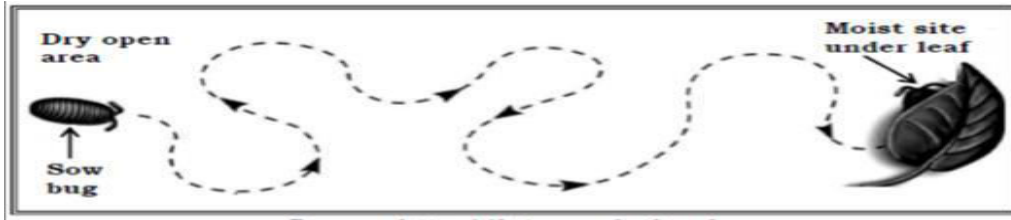
**YEAR 10**

**BASIC SCIENCE**

**WORKSHEET 3**

**Sub – strand 2 Living Together**

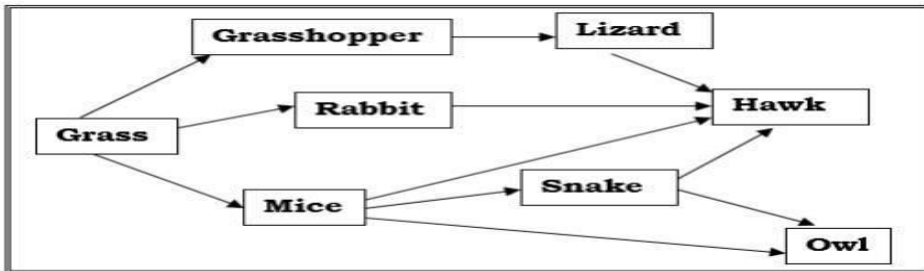
1. Shown below is an illustration of kinesis movement where the dotted line was the path taken by the sow bug.



i. Define **kinesis** - \_\_\_\_\_

ii. Why didn't the Sow bug move straight?  
\_\_\_\_\_

2. Study the diagram of a food web given below and answer the question that follow.



a. Snake is an example of a carnivore. **Define** the term **carnivore**.  
\_\_\_\_\_

b. Identify the carnivore with the **most varied diet**.  
\_\_\_\_\_

c. Identify a **herbivore** from the food web.  
\_\_\_\_\_

3. Explain the following:

Mutualism \_\_\_\_\_

Commensalism \_\_\_\_\_

**Sub – strand 3 Biodiversity, Change & Sustainability**

1. Describe two roles of the marine ecosystem

\_\_\_\_\_  
\_\_\_\_\_

2. Ocean zone is divided into four zones based on water depth, amount of sunlight and water temperature. Name these **four** zones.

\_\_\_\_\_                      \_\_\_\_\_  
\_\_\_\_\_                      \_\_\_\_\_

3. State two importance of mangroves.

\_\_\_\_\_  
\_\_\_\_\_

4. Name the three types of mangroves.

\_\_\_\_\_

5. Sea turtles are one of the earth’s most ancient creatures.

Name the **four** types of turtle.

\_\_\_\_\_  
\_\_\_\_\_

6. What is **conservation**?

\_\_\_\_\_

7. Discuss;

Overfishing \_\_\_\_\_

\_\_\_\_\_

Sustainable fishing \_\_\_\_\_

\_\_\_\_\_

8. Give **two** examples of **unsustainable** fishing methods.

\_\_\_\_\_

9. Give examples of:

Endangered species - \_\_\_\_\_

Endemic species - \_\_\_\_\_

Extinct species - \_\_\_\_\_

