

## BASIC SCIENCE

### JSS 2

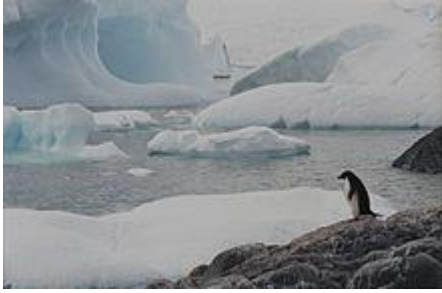
WEEKS	TOPICS
1.	LIVING THINGS (HABITAT)
2.	ADAPTATION OF LIVING THINGS TO THEIR HABITAT
3.	RELATIONSHIP BETWEEN LIVING ORGANISMS IN THEIR HABITAT
4.	UNIQUENESS OF HUMAN BEINGS
5.	MEASUREMENT OF GROWTH AND DEVELOPMENT
6.	HUMAN DEVELOPMENT 1
7&8.	HUMAN DEVELOPMENT 2
9.	BODY IMAGE 1
10.	BODY IMAGE 2

#### WEEK 1

#### HABITAT OF LIVING THINGS



This [coral reef](#) in the [Phoenix Islands Protected Area](#) is a rich habitat for sea life.



Few creatures make the [ice shelves](#) of [Antarctica](#) their habitat

What is an Habitat?

A **habitat** is an [ecological](#) or [environmental](#) area that is inhabited by human, a particular [species](#) of [animal](#), [plant](#), or other type of [organism](#). A place where a living thing lives is its habitat. It is a place where it can find food, shelter, protection and mates for reproduction. It is the [natural environment](#) in which an organism lives, or the physical environment that surrounds a species [population](#).

Living place of plants and animals is called Habitat. Habitat can be big or small example forest or a leaf

Different animals and plants require different living conditions to survive examples. To survive, whales need sea water whereas to survive, goldfish need fresh water. Some animals can survive in more than one habitat and some can survive in one.

### **Introduction to different habitats**

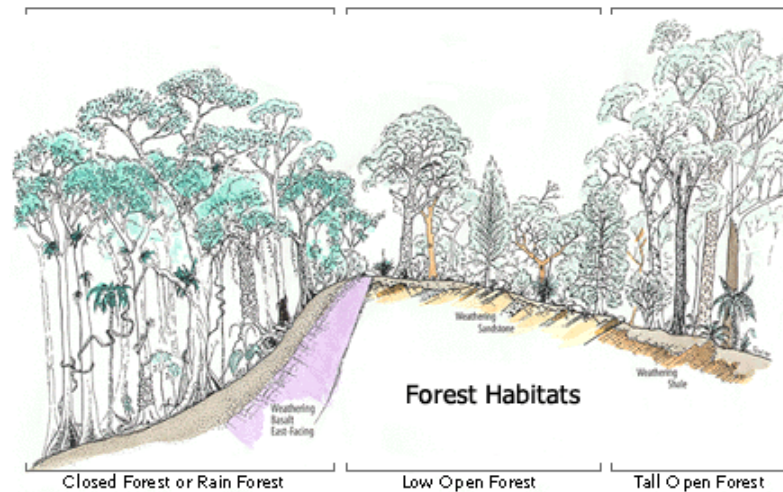
All animals and plants are adapted to the conditions of the habitats in which they live. Example: A rattlesnake could not live in arctic for very long time whereas a Walrus could not live in desert.

### **Different types of Habitats**

- 1) Forest Habitat
- 2) Desert Habitat
- 3) Water Habitat {Aquatic Habitat}
- 4) Grassland Habitat
- 5) Tundra Habitat

### **Details of Different Types of Habitats**

**1.Forest Habitat** : It is a type of habitat which covers a large area where many trees, plants and animals live.The plants in forests provide shade and protection to many different types of animals



Different types of forest are

a) **Deciduous Forest:** These are forest in cool rainy areas. They can be found in middle of Europe or Eastern half of North America. Animals living in this habitat must adjust to cold winters and hot summers. The trees in the forest provides shelter to them

Examples of animals living in this habitat are

Black bear, Grey squirrel, Turkey, Rat snake

b) **Coniferous forest:** This habitat is found in Europe...