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STUDY MATERIAL SCIENCE CLASS-VII

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► Nutrition in Animals

Various modes of feeding in different Animals

Name of the animal	Kinds of food	Modes of feeding
Snail	Algae	Scraping from rocks
Ant	Plant material and other animals	Biting and chewing
Eagle	Flesh of prey	Tearing
Humming Bird	Nectar from flower	Sucking
Lice	Blood from the skin of scalp	Sucking
Mosquito	Blood from animals	Sucking
Butterfly	Nectar from flower	Syphoning
Housefly	Filth and refuses	Sucking
Amoeba	Tiny aquatic animals	Capturing and Swallowing
Snake	Animal as a whole	Swallowing

Different Ways of Taking Food

Different types of animals show different modes of nutrition. Some animals filter tiny food particles and feed upon them, while some swallow the animals they prey upon. The mode of nutrition in different animals depends upon the special structure or organ for taking food inside the body.

Starfish

It is a marine animal which is covered by hard shells of calcium carbonate. It has a unique mode of nutrition. It opens the shell of its prey and pops out its stomach through its mouth surrounding the soft body of its prey. The starfish after capturing its prey brings back its stomach inside its own body. This food is then digested slowly by starfish.