

Worksheet : Types of nutrition

<https://www.liveworksheets.com/w/en/science-esl/370454>

<https://www.teacherspayteachers.com/browse/independent-work/worksheets?ref=filter%2Fresourcetype%2Ftop&search=autotroph%20vs%20heterotroph>

Types of nutrition

student name : _____

Place the following information in the appropriate place on the illustrator *

products COW Analyzers

Herbivores plants mushrooms

The diagram illustrates a food chain with three organisms: a plant, a cow, and a mushroom. Arrows indicate the flow of energy: from the plant to the cow, and from the cow to the mushroom. Each organism has a box labeled "Their job:" for students to write in.

Plant: Their job: _____

Cow: Their job: _____

Mushroom: Their job: _____

YEAR 8 BIOLOGY END OF SEMESTER 1 EXAM

1.(a) Match the following food items with the type of nutrients they contain.(4)

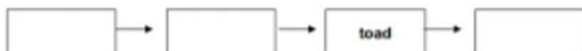
Food item	main type of nutrient
Meat	carbohydrate
Bread	fat
Lettuce	protein
Butter	fibre

(b) What is meant by the term balanced diet? (2)

2. The diagrams show four different organisms.



(a) (i) Complete the food chain for these organisms. (3)



(ii) Which organism in this food chain is a producer? (1)

(iii) All the toads in this food chain are removed by humans to make medicines.

Suggest what happens to the hawks. (2)

3.(a) Write down the word equation for photosynthesis. (2)

(b) Where in a plant does photosynthesis take place.(2)

Organ



Nutrition In Plants Mind Map

Nutrition In Plants

Plant Nutrition

- 1 autotrops
 - Synthesize their own food
- 2 Photosynthesis
 - Process of making food in plants
- 3 Substances Used
 - Water
 - CO₂
 - Minerals
- 4 Essential Requirements
 - Sunlight
 - Chlorophyll
- 5 Products
 - Carbohydrates

Modes Of Nutrition

- 1 Autotrophic
 - Organisms make their own food
 - All green plants are autotrophic
- 2 Hetrotrophic
 - Organisms obtain food from other organisms
 - Animals, human beings, non-green plants like
- 3 Other modes of nutrition in plants
 - parasitic mode of nutrition
 - Insectivorous mode
 - saprophytic mode of nutrition
 - Symbiotic mode of nutrition

