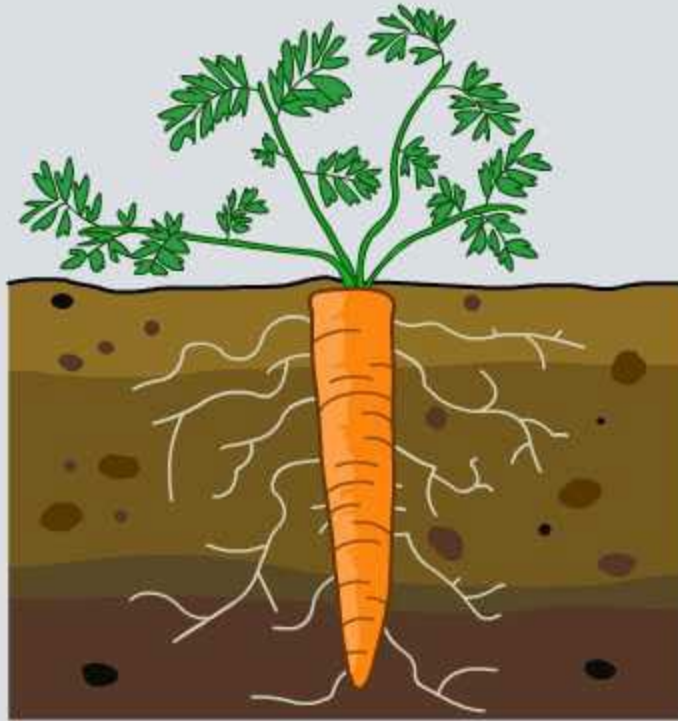


Plants as Food



Humans in food chains

Humans eat many different foods, and so are at the top of many food chains.

What are the food chains for the ingredients in a slice of pizza?

tomato → **human**

onion → **human**

**wheat
(bread)** → **human**

grass → **cow's milk
(cheese)** → **human**

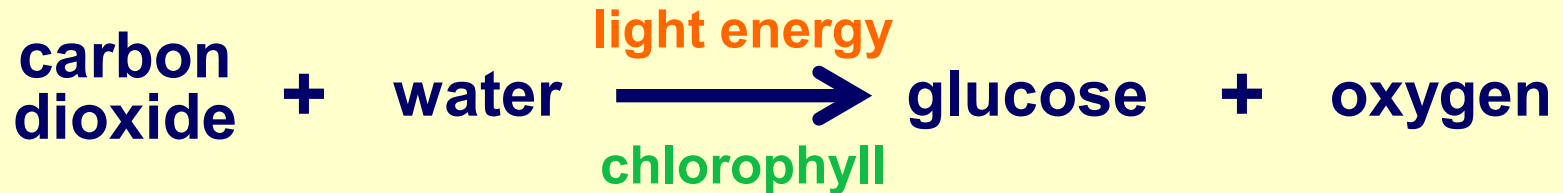


All food chains start with a **producer**.

Plants are called producers because they produce the food that humans and all other consumers depend on.

How do plants make their food?

Plants use light energy to carry out photosynthesis:



The glucose produced by plants is converted into starch for storage or used to make proteins, fats and other substances.

Which parts of plants can be eaten?



Plants provide food in many different forms – some foods are the **leaf**, the **stem** or the **root** of a plant. Others are the **seed** or the **fruit**.

Which plant parts are these foods from?



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Which part of a plant is each food from?

root

stem

fruit

seed

leaf

pea

?

C

solve

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Plant material can be used to make other products, including:

- **medication** – medicines, such as aspirin, are made from plants.
- **construction** – wood is an important building material for houses and furniture.
- **clothing** – materials, such as cotton, are made from plants. Some dyes are also made from plant extracts.
- **paper** – wood pulp is used to make paper.

