

# Introducing ... *Food*



THE UNIVERSITY OF  
WESTERN AUSTRALIA  
*Achieving International Excellence*



Government of Western Australia  
Department of Education

How do **YOU** get energy to  
**live** and **grow**?

# Food!





How do  
animals and plants  
get energy to **live** and **grow**?



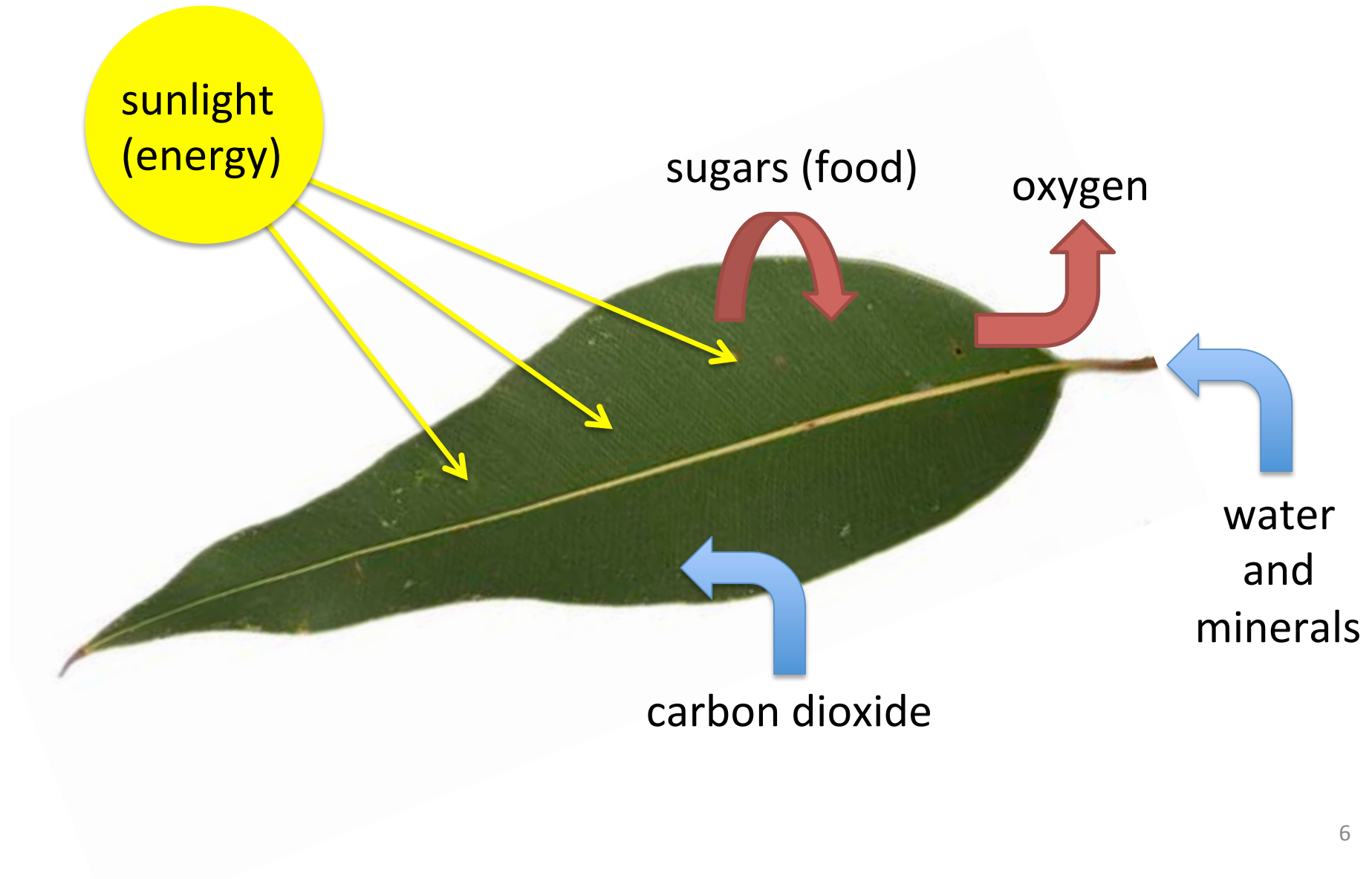


# Plants

- ❖ Plants make their own food. Because of this they are called **producers**.
- ❖ Leaves produce food from sunlight, water, carbon dioxide and minerals.



# How plants make food



# Plants use food to ...



grow



make flowers



make seeds

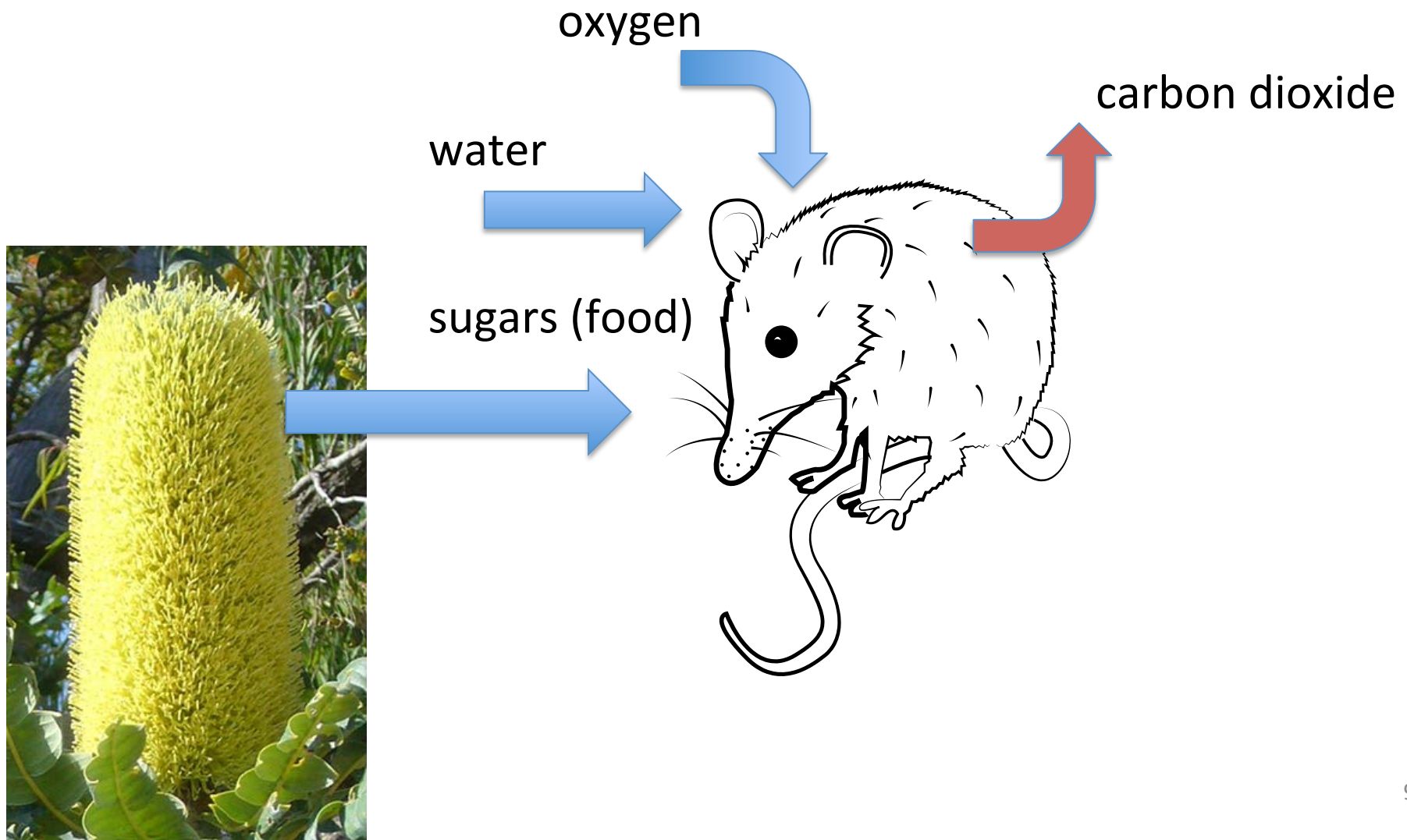
# Animals

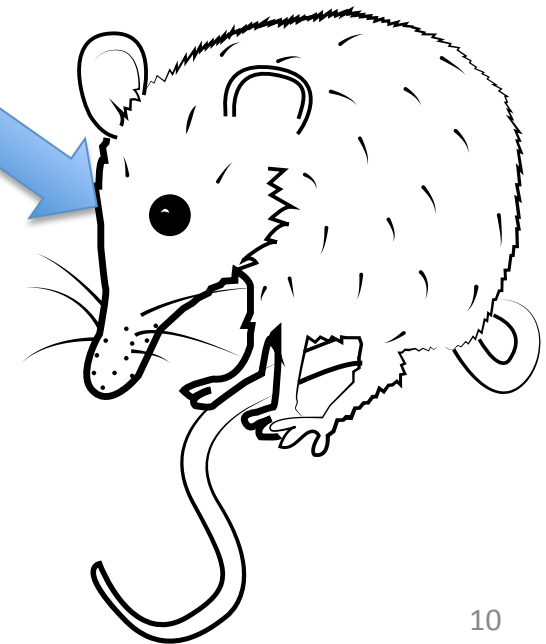
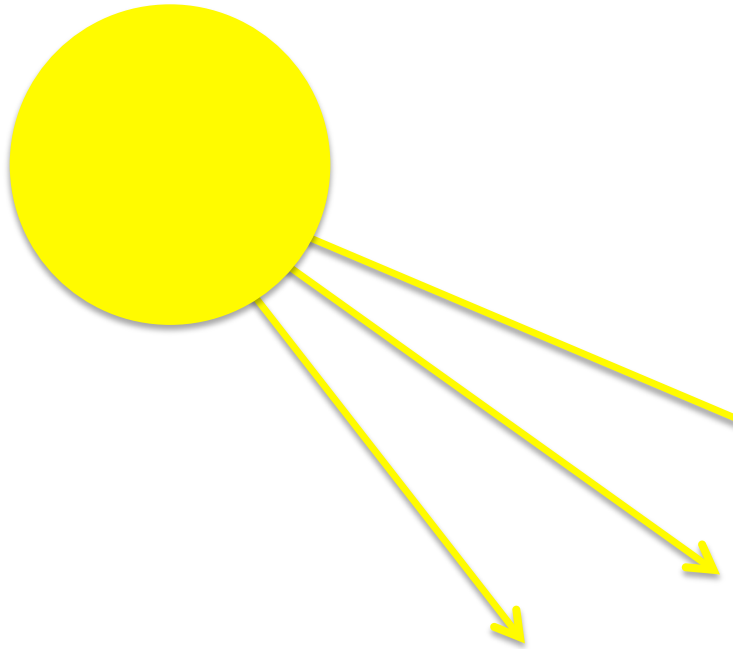
- ❖ Animals can't make their own food. Because of this they are called **consumers**.
- ❖ Animals get their food by eating (consuming) plants or other animals.





# How animals get food





Energy in sunlight ...

is converted to energy in  
sugars in plants ...

which is used by animals  
to **live** and **grow**.

# What part of a plant do *you* eat?

seeds



leaves



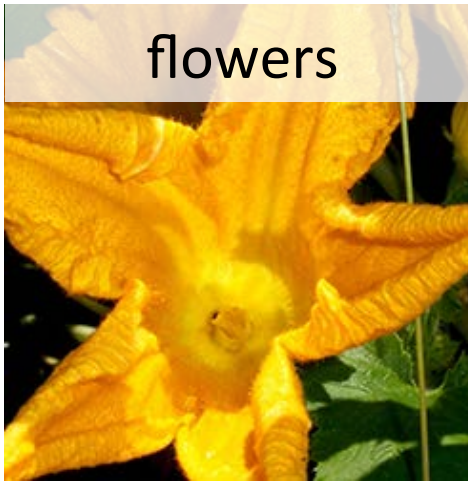
roots



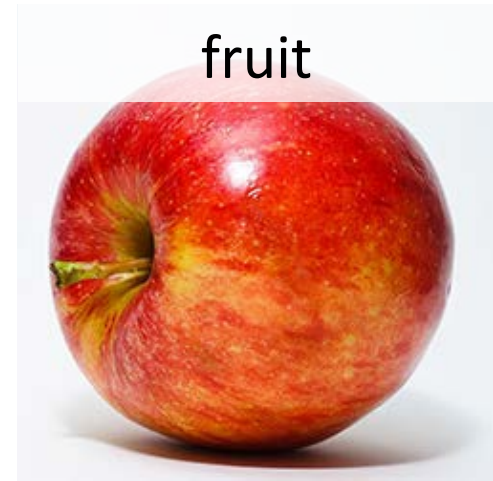
stem and buds



flowers



fruit



# What are animals that eat plants called?



herbivores

What are animals that eat other animals called?



**carnivores**

What are animals that eat pollen and nectar called?



nectarivores

# What are animals that eat seeds called?



**granivores**

What are animals that eat everything called?



omnivores — are you an omnivore?



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*Be a Bush Scientist 4: Introducing food*

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