# WALT: understand the levels of classification
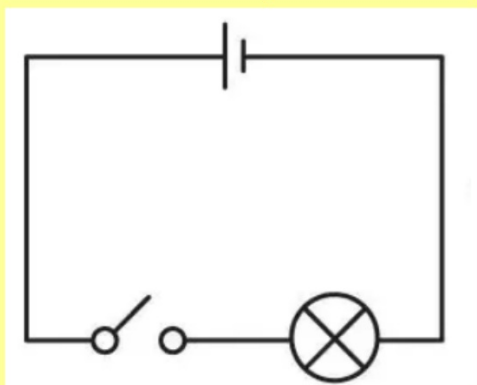
**FLASH KNOWLEDGE CHECK**

Who's memory stands the test of time?

Name the components
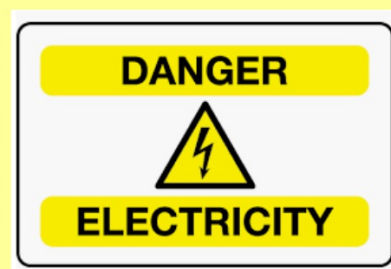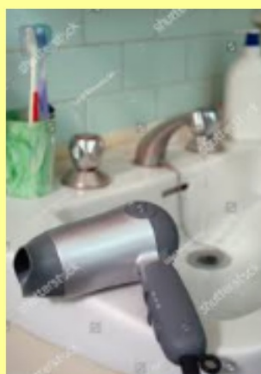
Name the type of energy

Why is this dangerous?

DANGER

ELECTRICITY

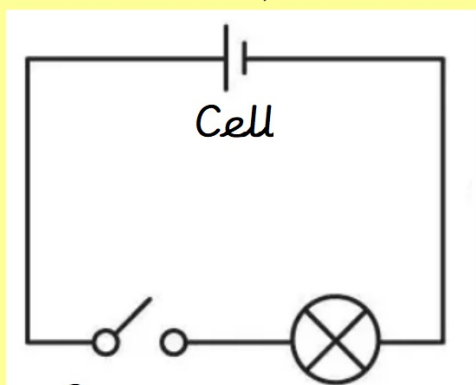Check answers using next page.

WALT recap our knowledge

Who's memory stands the test of time?

Name the type of energy

Name the components

Cell

Solar

Open switch

Bulb

Why is this dangerous?
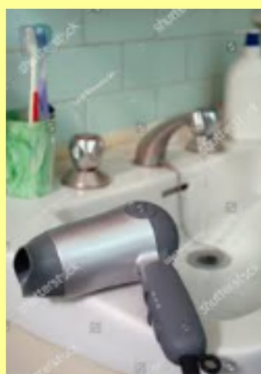
DANGER
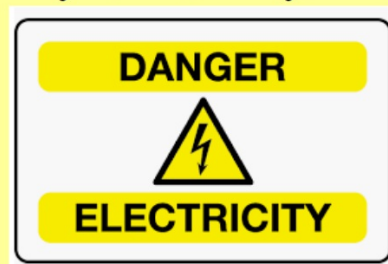
ELECTRICITY

Electricity and water should not mix!

HP for correct answers

Give an example
of a living thing.

Give an example of
a non-living thing.

What tool can we use to help
us classify?

Define the term 'classification'

What is the difference between an organism
and an animal?

Think about dolly mixture sweets. What are the ways we could classify these sweets?

- 
- 
- 
- 

- 
- 
- 
-

Let's try one together first. How could we separate them?



Do they have more than one colour?

No                          Yes

What question could you ask here?
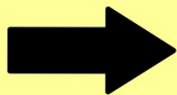
Does it have vertices?

No          Yes

Example
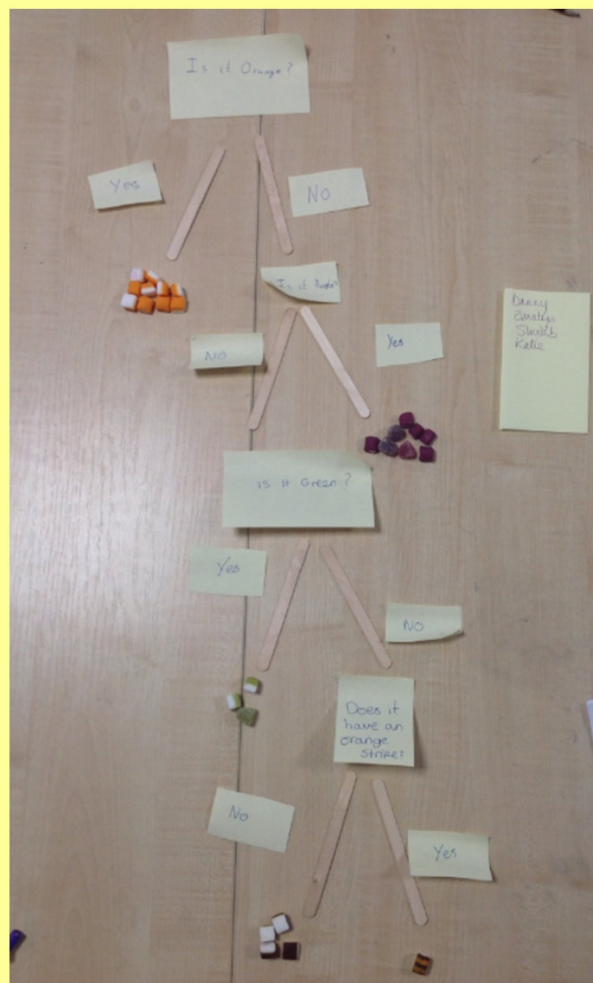
# Classifying living things

How can we classify living things in the group animalia?
Write the title for each group.









Kingdom Animalia





Answers revealed on next page

# Classifying living things

Tell me how I can classify living things in the group animalia?
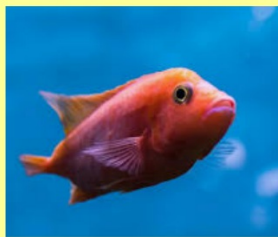


Birds
Reptiles
Fish
Amphibians
Mammals

# Activity 1:

Write as many characteristics as you can for each group of animals.

Mammals

Fish

Birds

Amphibians

Reptiles

Which characteristics are shared between more than one group of animals?
Which characteristics are specific to only one type of animal?

Teacher circle on the board

## Activity 2:

Using the example below, add the animals in the group (in the box) to this classification key.

### Classification Key

Is it a mammal?

Yes / No

Are they a carnivore?    Are they a bird?

Yes / No    Yes / No

Are they a type of cat?    Do they have a long neck    Can they swim?    Do they have eight legs?

Yes / No    Yes    No    Yes    Yes / No    Yes / No

Lion    Bear    Giraffe    Rabbit    Penguin    Owl    Octopus    Shark
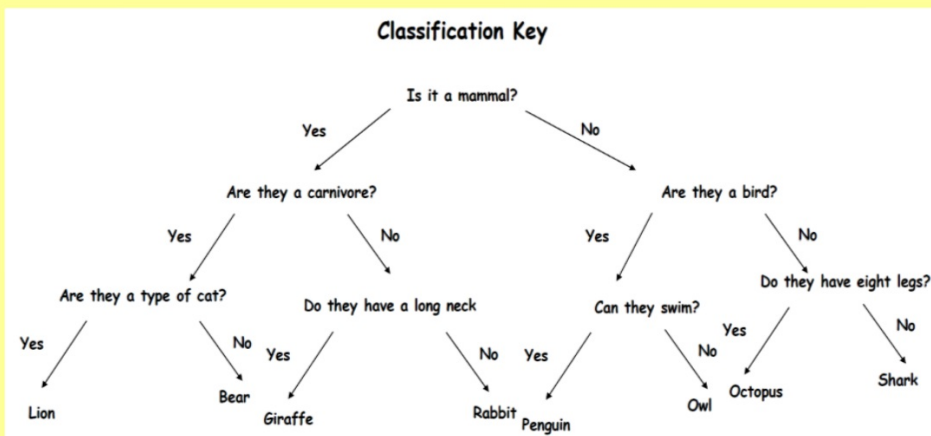
Use the internet to research animals you are unsure of.

**Animals to group:**

Mackerel
Husky (dog)
Horse
Tarantula
Snow Leopard
Elephant
Polar Bear
Hippo
Eagle

*Answers on the next page*

# Let's have a look and see how you did
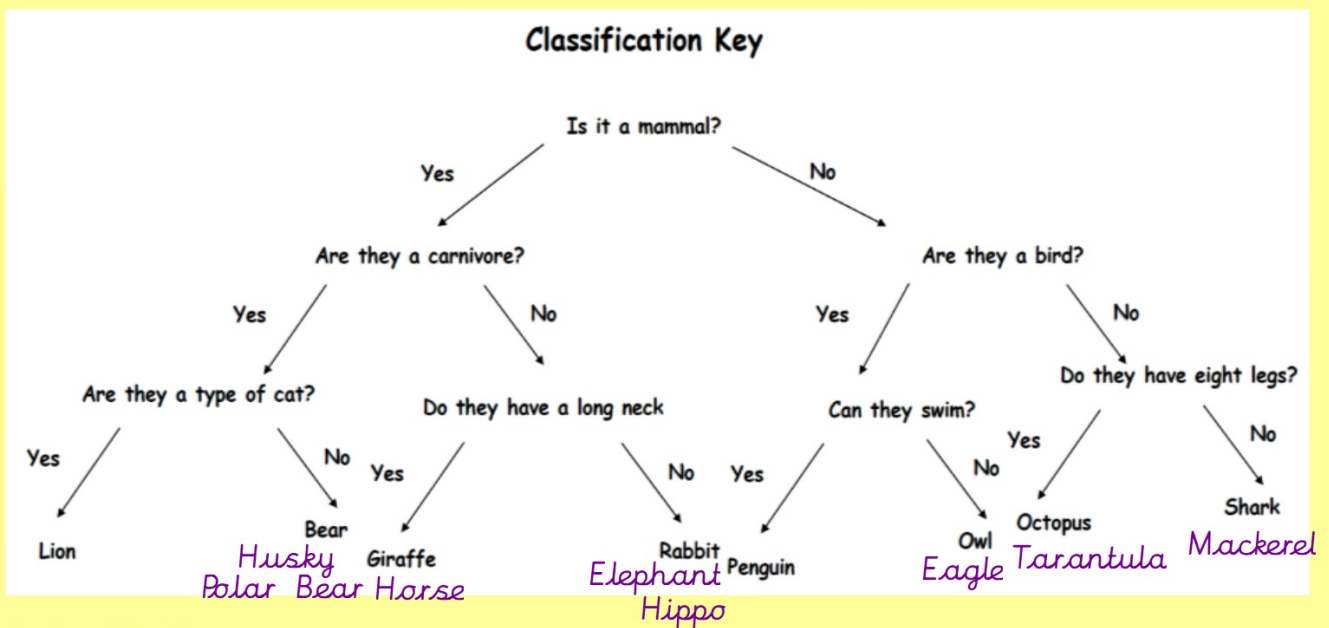
## Classification Key

Is it a mammal?

Yes — Are they a carnivore?

No — Are they a bird?

**Are they a carnivore?**
Yes — Are they a type of cat?
No — Do they have a long neck

**Are they a type of cat?**
Yes — Lion
No — Bear Husky Polar Bear

**Do they have a long neck**
Yes — Giraffe Horse
No — Rabbit Elephant Hippo

**Are they a bird?**
Yes — Can they swim?
No — Do they have eight legs?

**Can they swim?**
Yes — Penguin
No — Owl Eagle

**Do they have eight legs?**
Yes — Octopus Tarantula
No — Shark Mackerel

## Activity 3:

Now draw this classification key and add an extra question/questions so that you are adding more strands to your key. Try to finish with just one animal at the end of each strand!

# Plenary

Activity 4: Watch the short video about the duck-billed platypus

Weird and wonderful animals...

The duck-billed platypus