

Tuesday 29th March 2022

Science

LO: To sort and classify

Classification - The arrangement of animals and plants in groups according to their similarities.

WHY?

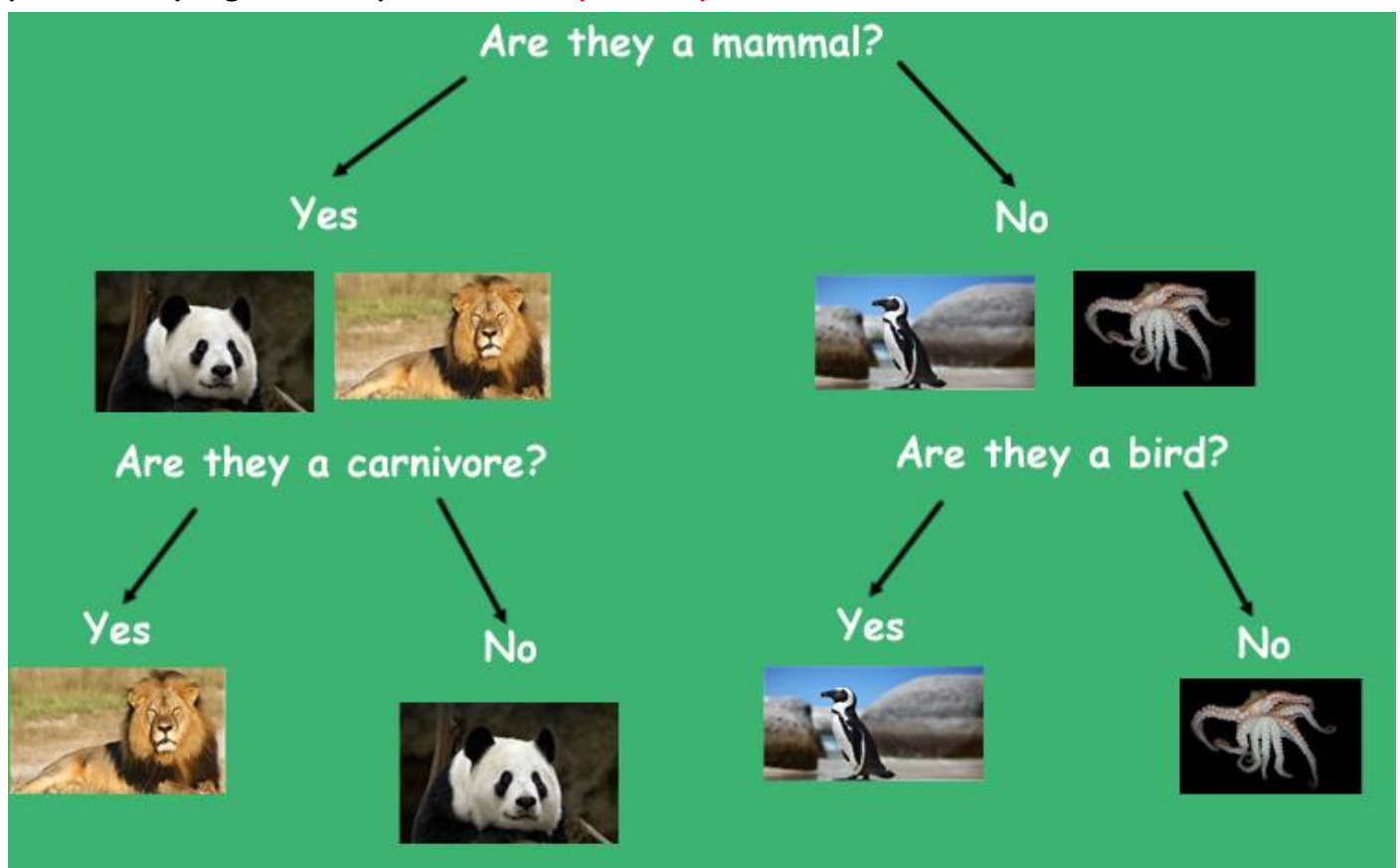
It is important to group animals and plants so that we can narrow them down into specific groups. Scientists believe there may be as many as 10 million different species on Earth. When studying their lives and behaviours, it is important to have narrowed them down into different groups so that they can research the appropriate groups.

HOW?

A simple way to group animals is through a key that asks questions to separate down to the animal/s.

<https://www.bbc.co.uk/bitesize/topics/z2ddmp3/articles/zccm3k7>

You can also classify animals through specific headings e.g. 4 legs, not 4 legs. Here is an example of a classification key. You start with some living things - panda, lion, penguin, octopus - and ask **yes/no questions** to sort them.



Vocabulary that might be useful:

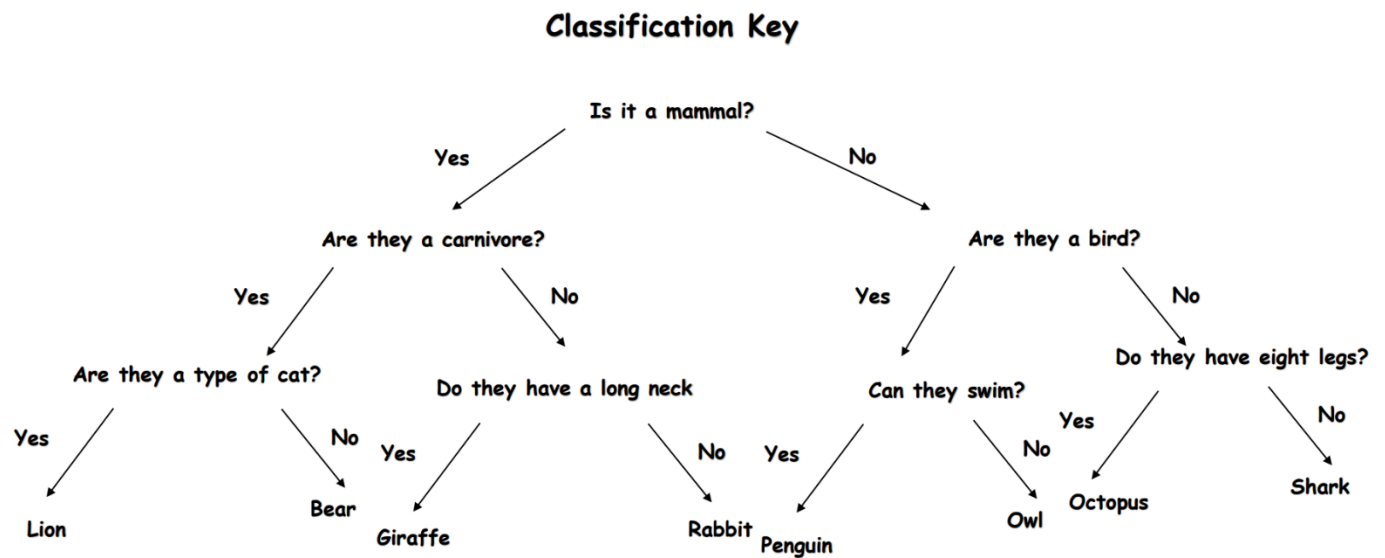
Mammal, bird, fish, annelid, mollusc, reptile, amphibian, insect, arachnid

Carnivore, herbivore, omnivore, vertebrate, invertebrate, 4 legs, 6 legs, 8 legs.

Warm-blooded, give birth to live young, cold blooded, fur, hair

Try to think of any vocabulary we have used in class that may be useful too?

Here is another example of a classification key using 8 living things.



Create your own classification key using living things. Here are some pictures to help you.



Draw and record it like the examples above.

Is there anything else you could create a classification key for? Have some fun exploring different ideas.