

Science

Set w/c 15th June 2020

For those of you not in school this week, here is an overview of what we will be doing in school and information that you may need to be able to follow along with us and complete as much of the work that we will be doing as possible.

This week, we are moving on from the circulatory system to a new science topic; Living Things and their Habitats. We will be focusing on classification of different animals.

Activities:

1) Revise what the following types of animals are:

- a) Mammals
- b) Amphibians
- c) Birds
- d) Fish
- e) Reptiles
- f) Insects

In class, we will be doing a quick poster on each of these things to show its specific characteristics and how to tell them apart from other types.

2) Within these categories above, further classification can be undertaken to separate them into much smaller groups. Scientists believe there may be as many as 10 million species on Earth! They say that in order to study particular types of creatures, (their behaviour, habitats, feeding patterns etc) it is much easier if each type of animals is split down into small groups of animals that are very similar to each other in a lot of ways.

CLASSIFICATION= the arrangement of animals and plants into groups according to their similarities.

A simple way to classify animals is through a key that asks questions to separate the animals down into smaller groups.

Try the classification on the following pages. Work your way through each page, one at a time. Ask yourself the question and decide which animals would fall under each category. Then, move to the next page.



Are they a mammal?

Yes

No

Are they a mammal?

Yes

No



Are they a carnivore?

Yes

No

Are they a bird?

Yes

No

Are they a mammal?

Yes

No



Are they a carnivore?

Yes

No

Are they a bird?

Yes

No

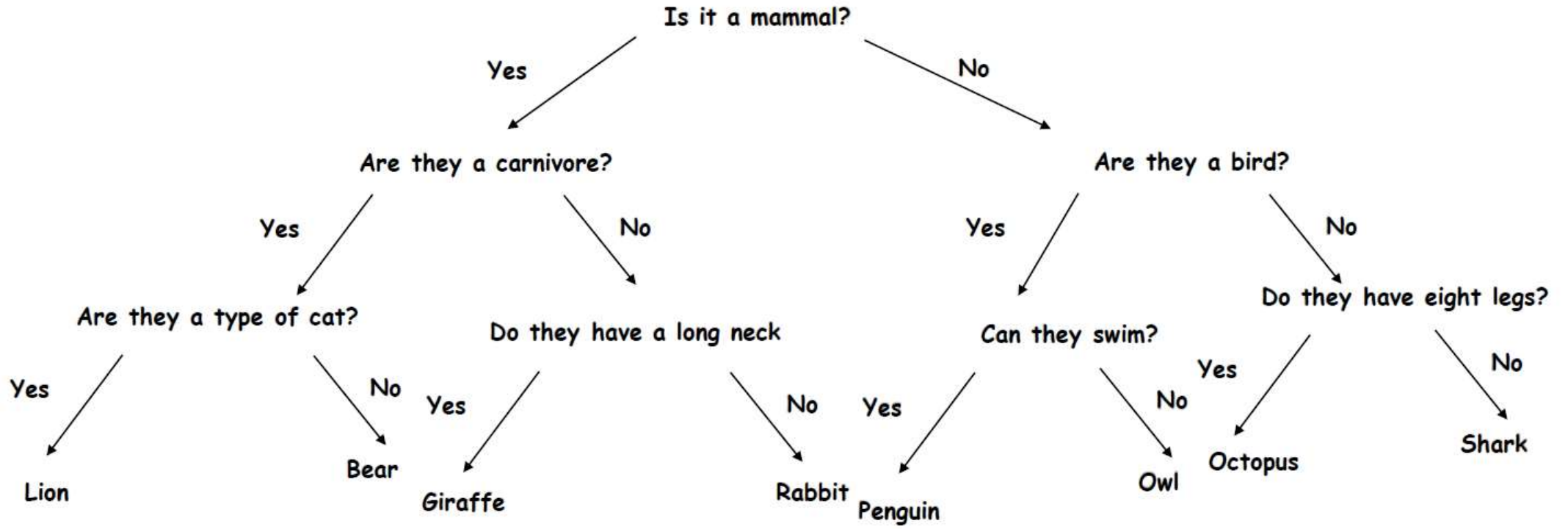


3) Look at the animals in the pictures below. Try to think of some questions that you could ask to be able to separate them into smaller groups. I have given you some examples in the classification keys on the next page. Try to think of your own questions rather than just using mine.

Once you have thought of questions for your classification key, draw the classification key into your book (like mine in the examples), and either cut out the pictures of the animals and stick them in the correct places or write the name of the animals into the correct places after asking the questions about each one.



Classification Key



Classification

