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Living things and their habitats

Year 4

LO: To recognise that living things can be grouped in various ways HOM: To remaining open to continuous learning.

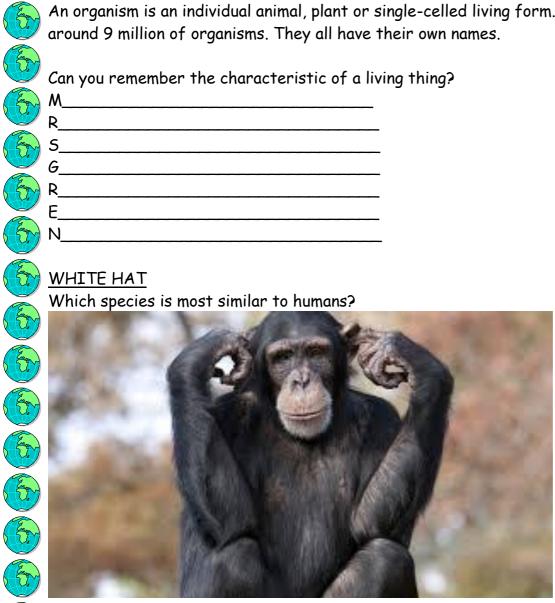
White hat: What is an organism?

An organism is an individual animal, plant or single-celled living form. On Earth there are around 9 million of organisms. They all have their own names.

Can you remember the characteristic of a living thing?

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WHITE HAT Which species is most similar to humans?



Watch the following video: https://www.bbc.co.uk/programmes/p004jmj3

To be able to sort all the 9 million organisms into groups, a system is needed. WHITE HAT What is this system called? Classification!

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Watch the following video: http://www.bbc.co.uk/guides/z3nbcwx



Living things and their habitats

Year 4

We are going to create our own branching keys to identify living things by looking at their characteristics.

The characteristics of a living thing are what make it similar or different to other living things.

All species of living thing have a unique set of characteristics.

Species with similar characteristics are put into groups. This is how we classify living things. To be able to sort different species into their groups, scientists use **classification keys**, a set of questions looking at similarities and differences.

Watch the following video:

http://www.bbc.co.uk/guides/z9cbcwx#zqwkwxs

TASK 1: Pick up some different leaves from your garden or from the park. If you can not find any leave use the pictures from below

BLUE HAT:

What questions can we ask to sort the leaves?

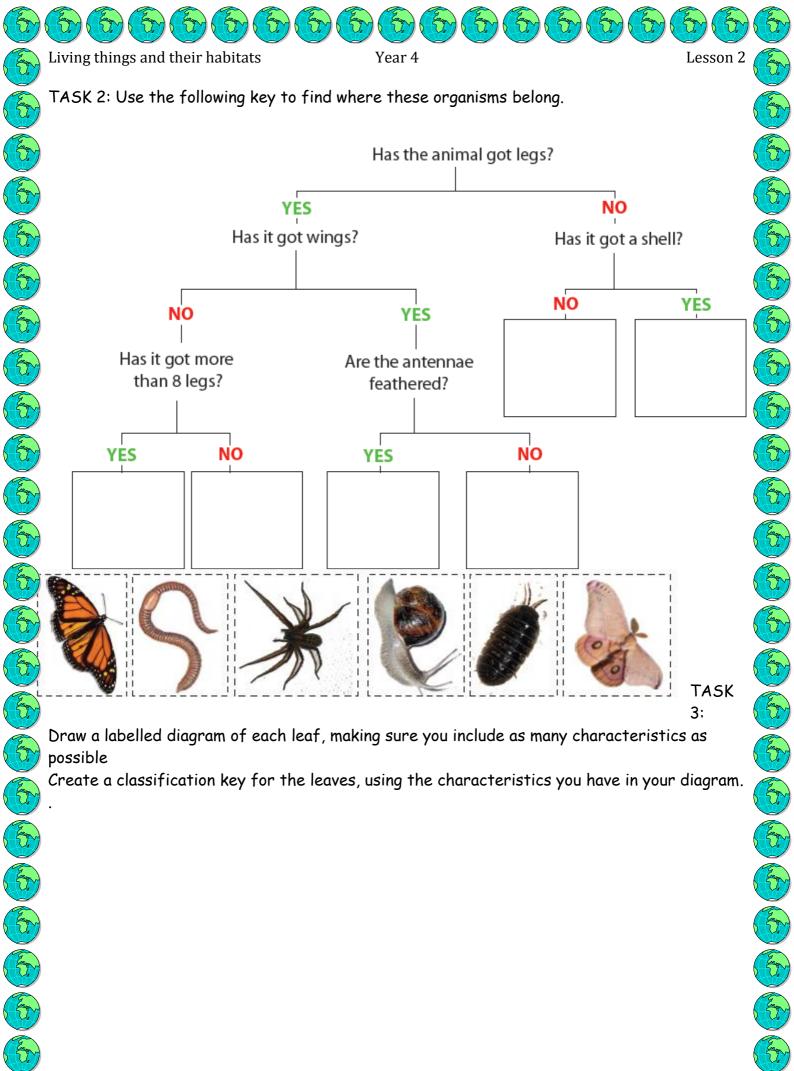
Here are some examples:

- Is the leaf attached to the stem directly or does it have a stalk?
- Are the edges smooth/wavy/jagged?
- How are the leaves arranged on the stem opposite/alternate/whorled?
- Is the leaf simple/compound?

Lesson 2



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