



Classification of Living Things

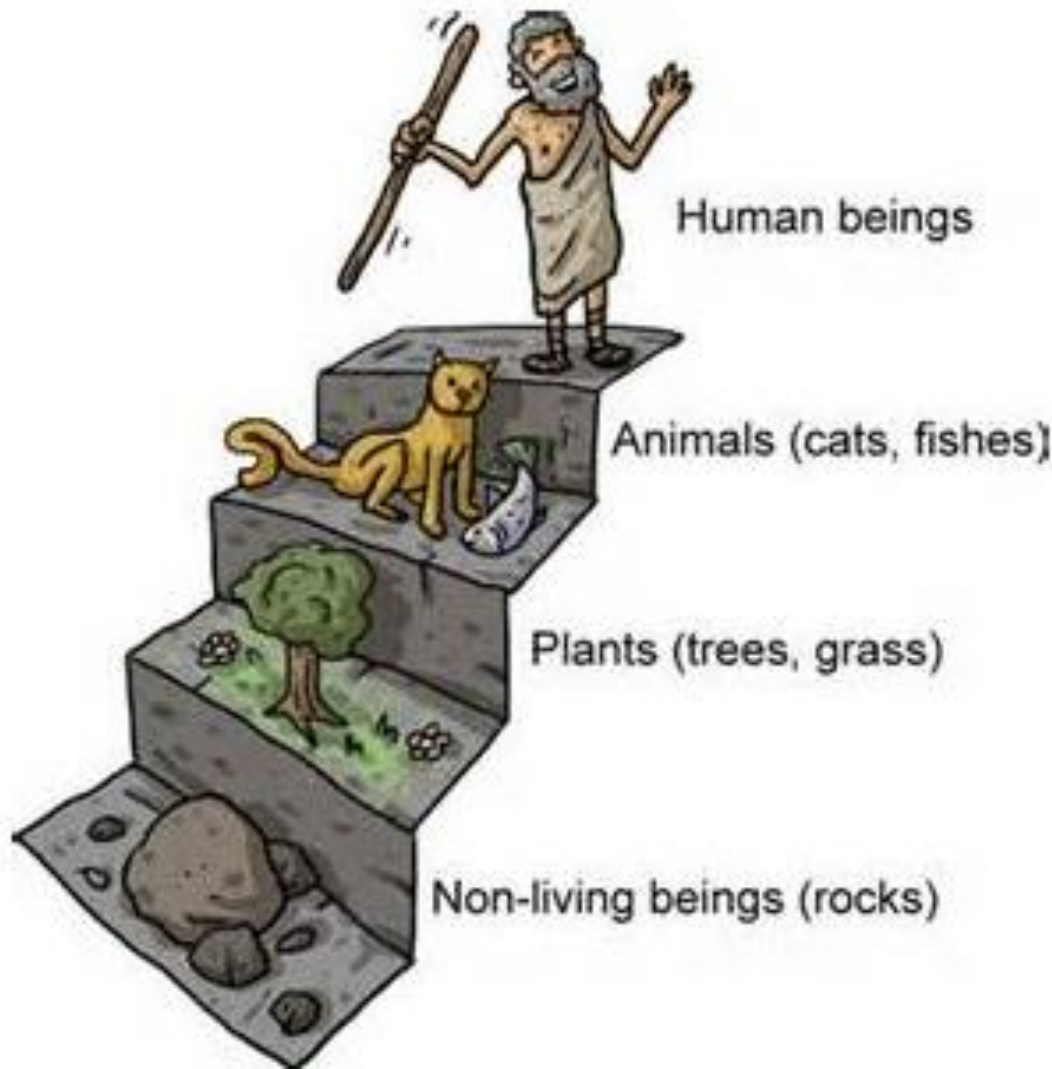


How would you group living things?

- Talk to your partner...

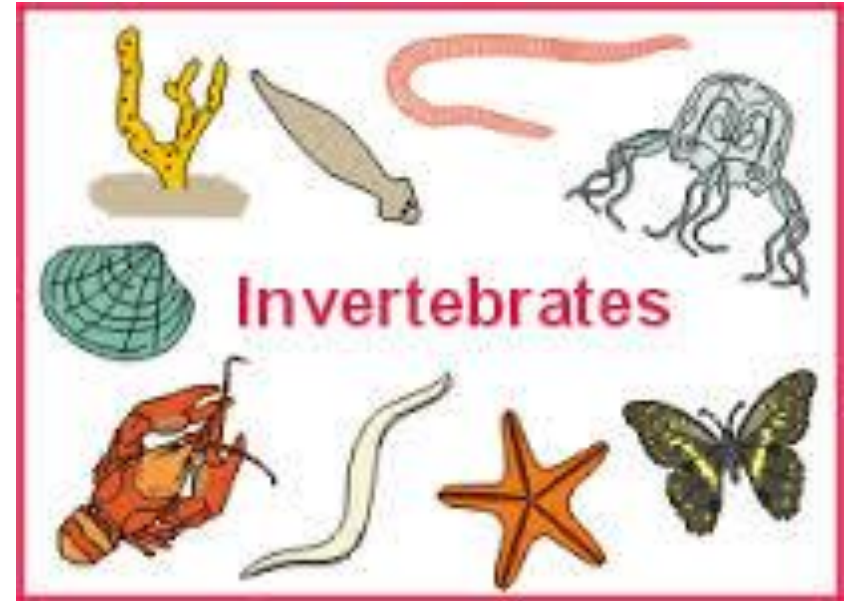
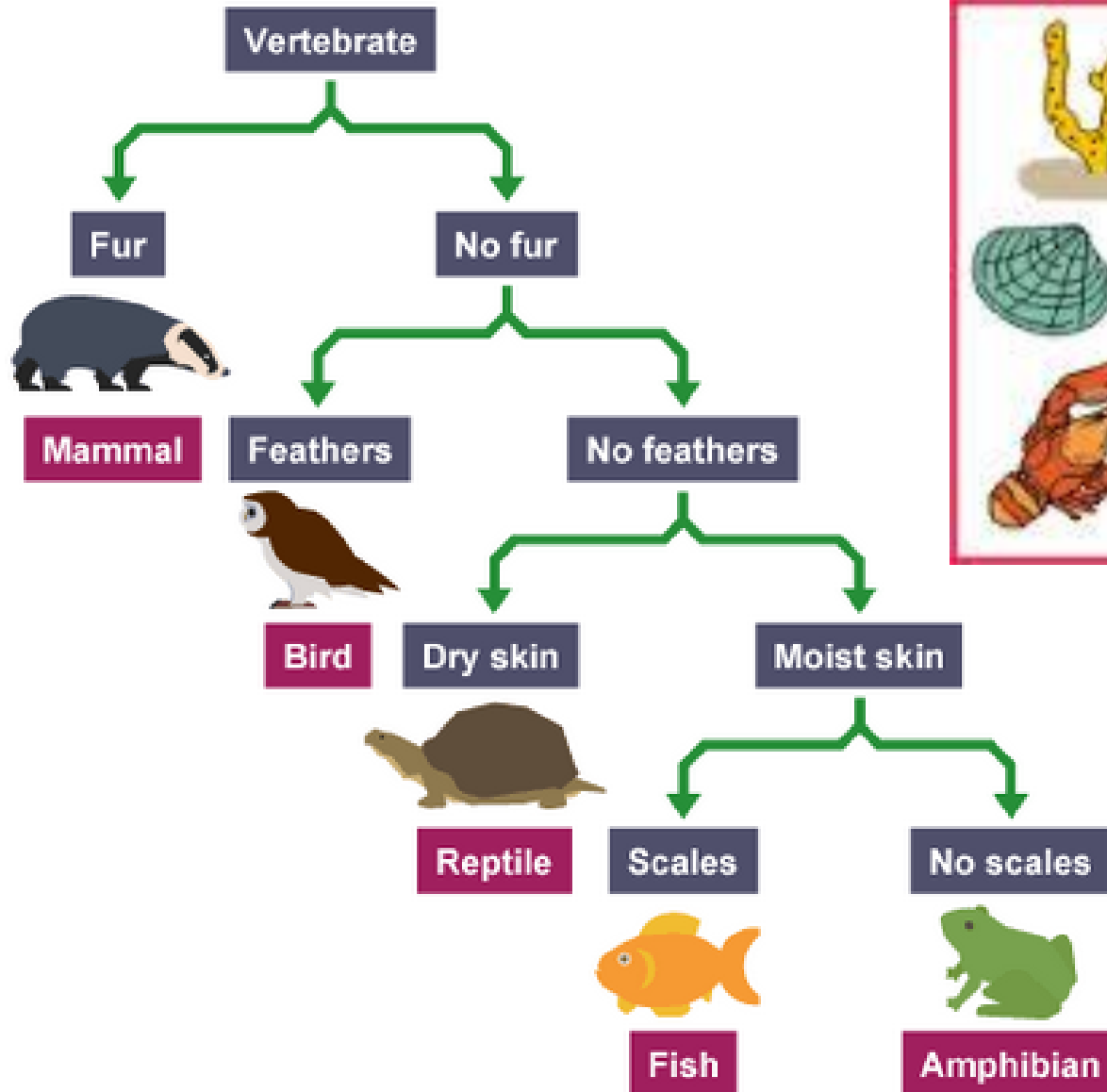


Aristotle had a bright idea...



He knew that
living things all
shared MRS
NERG in common
however some
living things were
better than
others...

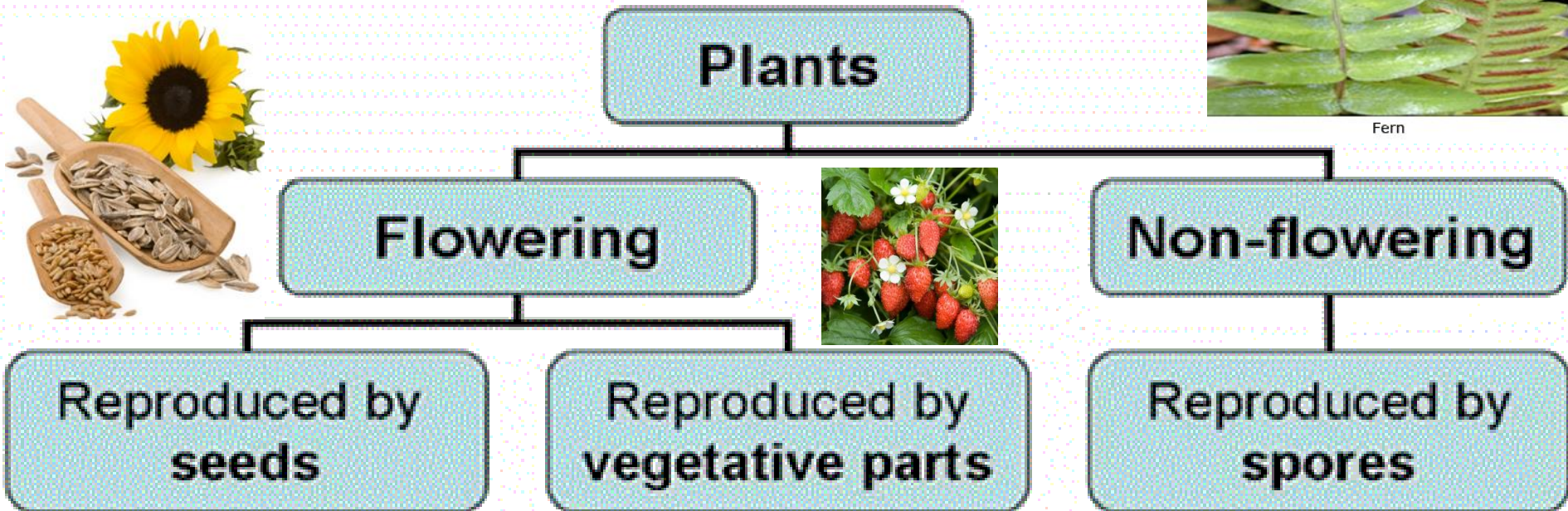
He then thought some more...



Aristotle worked out that some animals were better than others – so he split these into kingdoms.

...after some more thought

- Aristotle also concluded that some plants were better than others so split these into smaller groups too.



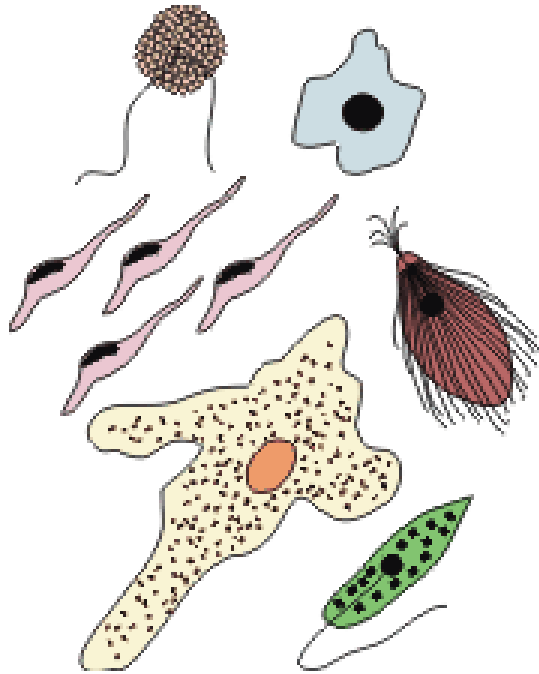
Lets see what we've learnt

- <http://www.oum.ox.ac.uk/thezone/animals/animalid/games/animal1.htm>



Living things are now split into 5 Kingdoms

- **Protocista Kingdom** – single cell organisms with a nucleus, pond algae is a protocista



Living things are now split into 5 Kingdoms

- **Monera Kingdom** – bacteria, no nucleus, can live almost anywhere they divide to reproduce



Living things are now split into 5 Kingdoms

- **Fungi Kingdom** – don't make food instead they live off decaying plants, there are about 70,000 known fungi!



Living things are now split into 5 Kingdoms

- **Animalia Kingdom** – There are so many different types of animals that is why we classify them into detailed groups.



Living things are now split into 5 Kingdoms

- **Plantae** – There are so many different types of plants that is why we classify them into more detailed groups. Plants use photosynthesis to make their own food.



Quick catch-up

Who came up with the idea for the classification of living things?



What are the 2 main groups for animal classification?



How are plants grouped?



Can you name the 5 kingdoms?