



Living Organisms

Classification of Living Organisms

- Living Organisms



Animals



Vertebrates

These have
vertebra



Invertebrates

(These do not
have vertebra)



Plants



Non-Flowering

(These do not
have flowers)



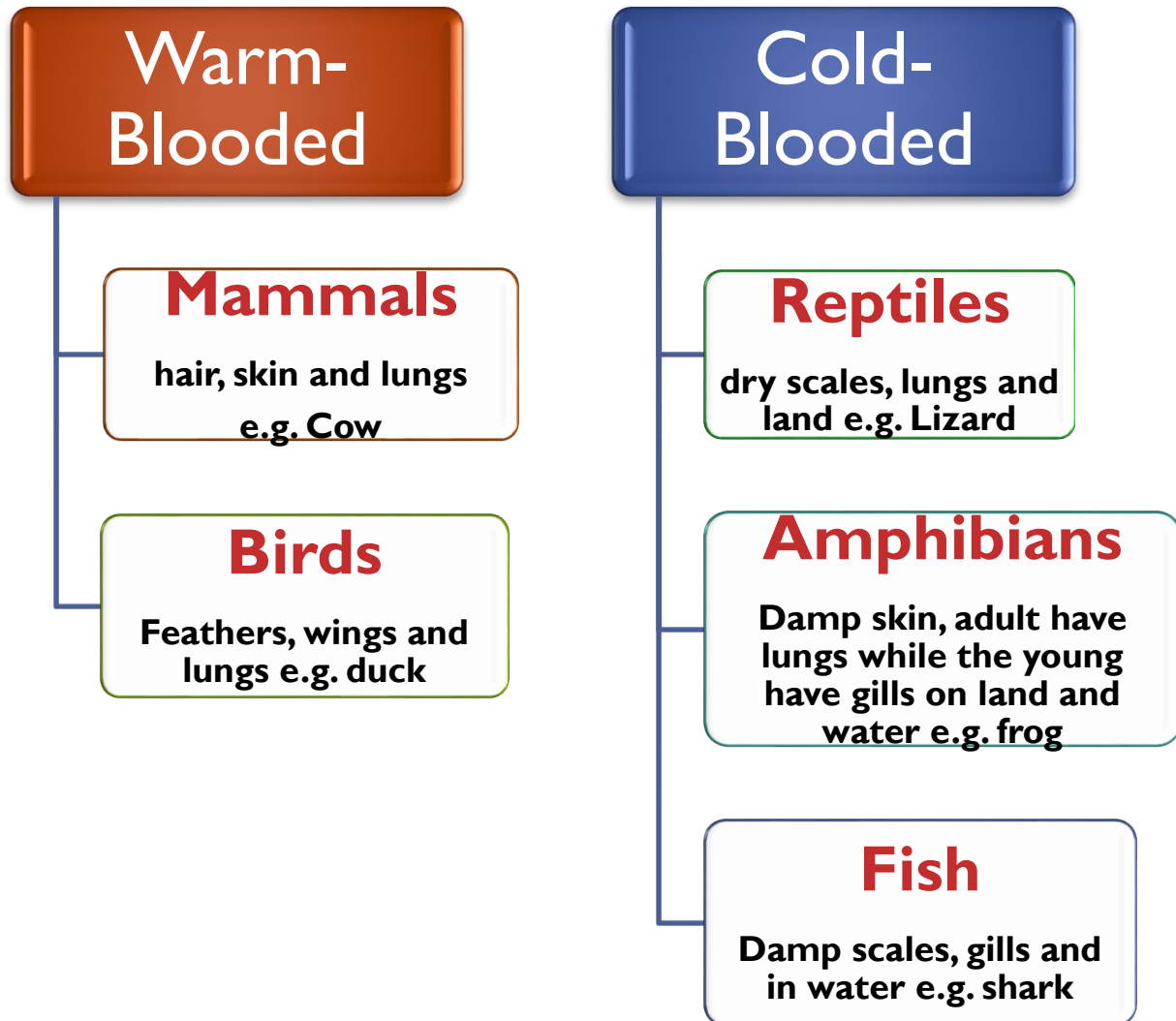
Flowering

(These have
flowers)

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- **Now complete the following sentences with words from the diagram:**

- a) **Biologist study....., zoologists study.....whereas botanists study.....**
- b) **Animals are divided intoand**
- c) **There are two main groups of plants:.....and**
- d) **A lion is a..... It has.....**
- e) **A snail is a.....It does... has.....**
- f) **A mushroom is a..... It**
- g) **A sunflower is a.....It has.....**

Vertebrates



Let us read the following examples

- **Mammals are warm-blooded vertebrates. They have hair and skin. They have lungs. They live on land.**
- **A cow is a mammal. It has hair and skin. It has lungs. It lives on land.**
- **Now make similar statements about birds, reptiles, amphibians and fish: a duck, a lizard, a frog and a shark.**
- **Look at this example:**
- **Birds are warm-blooded vertebrates with feathers, wings and lungs, living on land.**
- **Now make similar statements about the following:**
- **Reptiles, Mammals and Fish**



Answer these questions

- a) Why can't fish breath on land?
- b) Why can birds fly?
- c) Why can small mammals live in cold climates?
- d) Why can young amphibians live in water?
- e) Why is the body of a cat warm?
- f) Why is the body of a snake is cold?