

Junior Scientists

Book 2

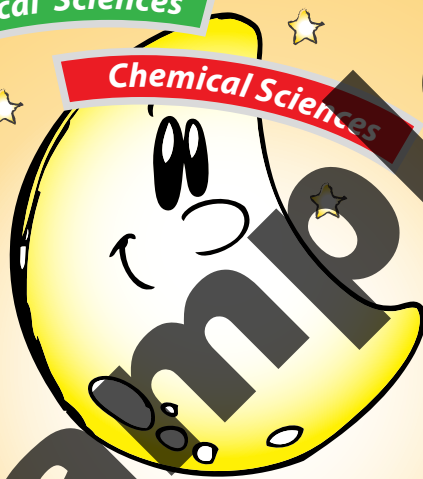
Ages 7-8 years

Earth & Space Sciences

Physical Sciences

Biological Sciences

Chemical Sciences



By Yolanda Cool

Living and Non-Living 1

○ Write two sentences.

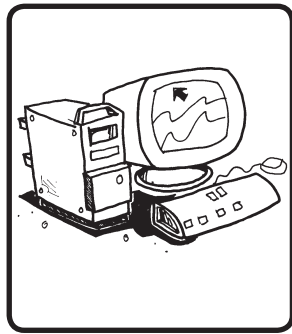
Living things _____

Non-Living things _____

○ Colour the **living things** green. Colour the **non-living things** red.



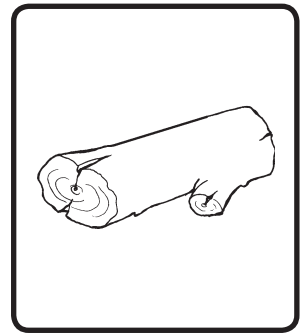
Bird



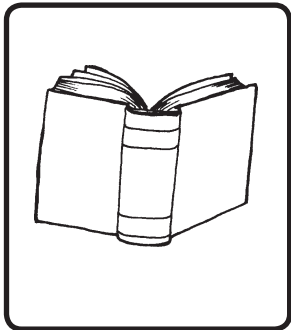
Computer



Plant



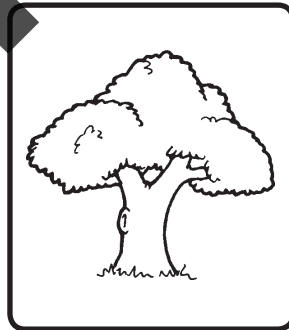
Log



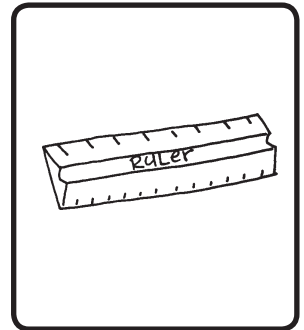
Book



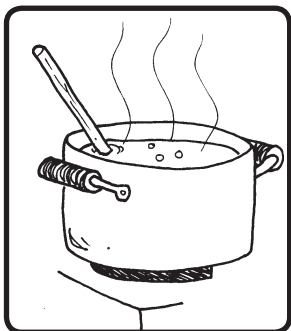
Boy



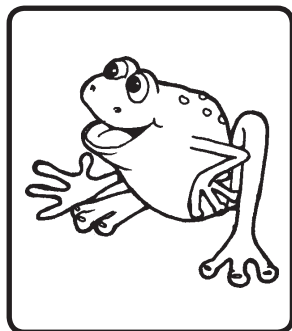
Tree



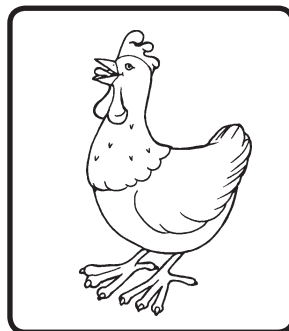
Ruler



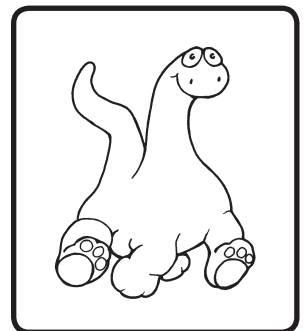
Pot



Frog



Chicken



Dinosaur

○ Point to each picture and explain to a partner how you made your decision.

Living and Non-Living 2

- As you walk around the school grounds, note down living and non-living things that you discover.

Living	Non-Living

Sample

- What I have learned today:

▶ Stages of Growth

○ Use the words to show the growth stages of a frog.

tadpoles

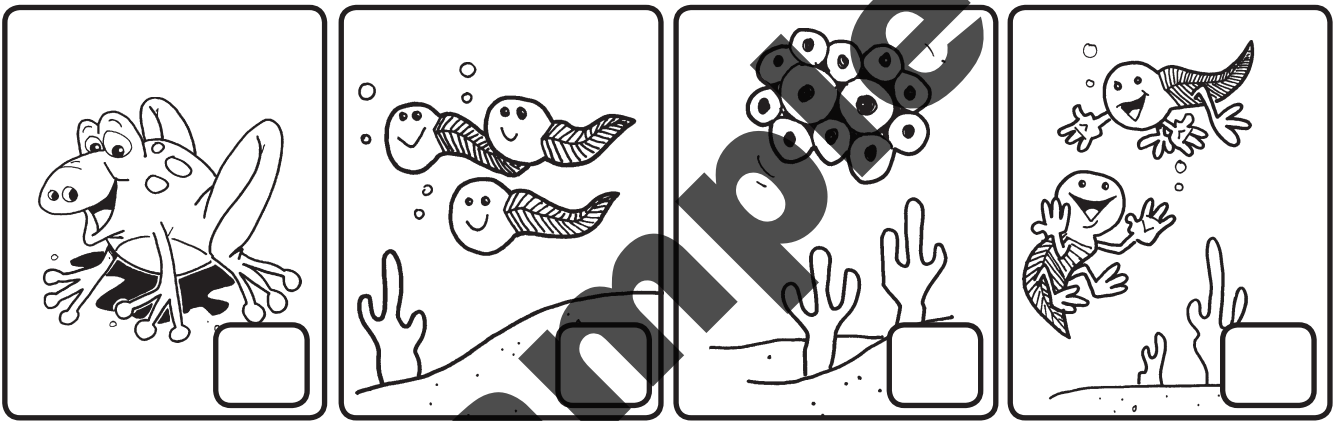
spawn

frog

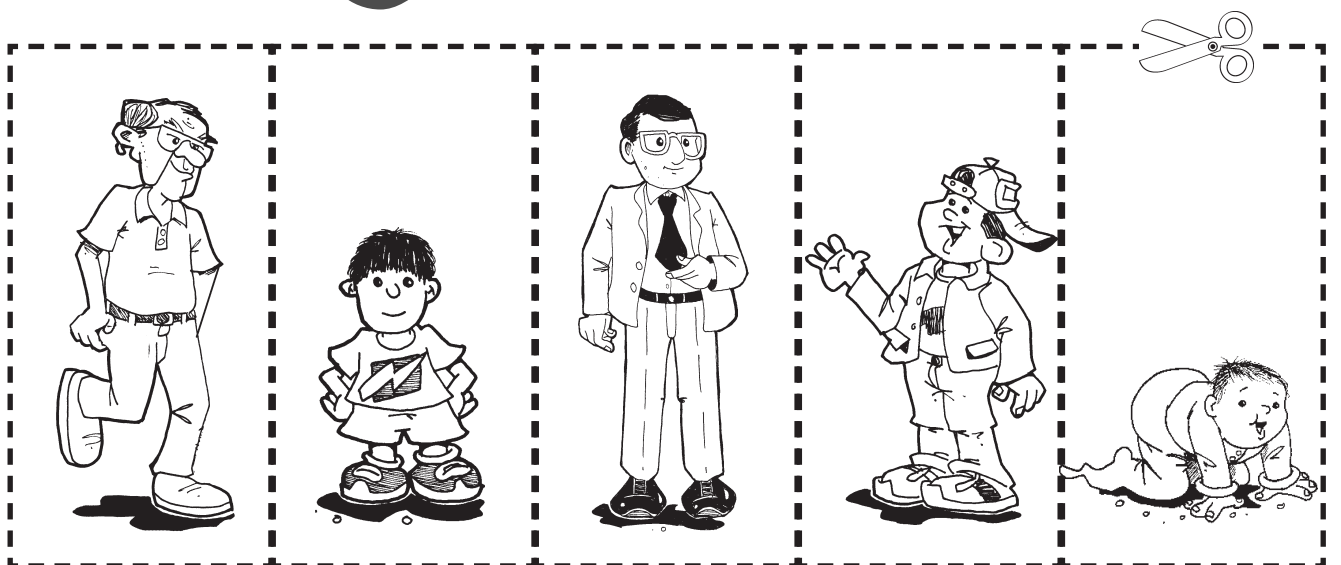
legs

1. Frogs begin life as frog _____.
2. They then hatch into _____.
3. At 6 to 9 weeks they grow _____.
4. At 12-16 weeks, they turn into fully grown _____.

○ Number the pictures to show the correct order.



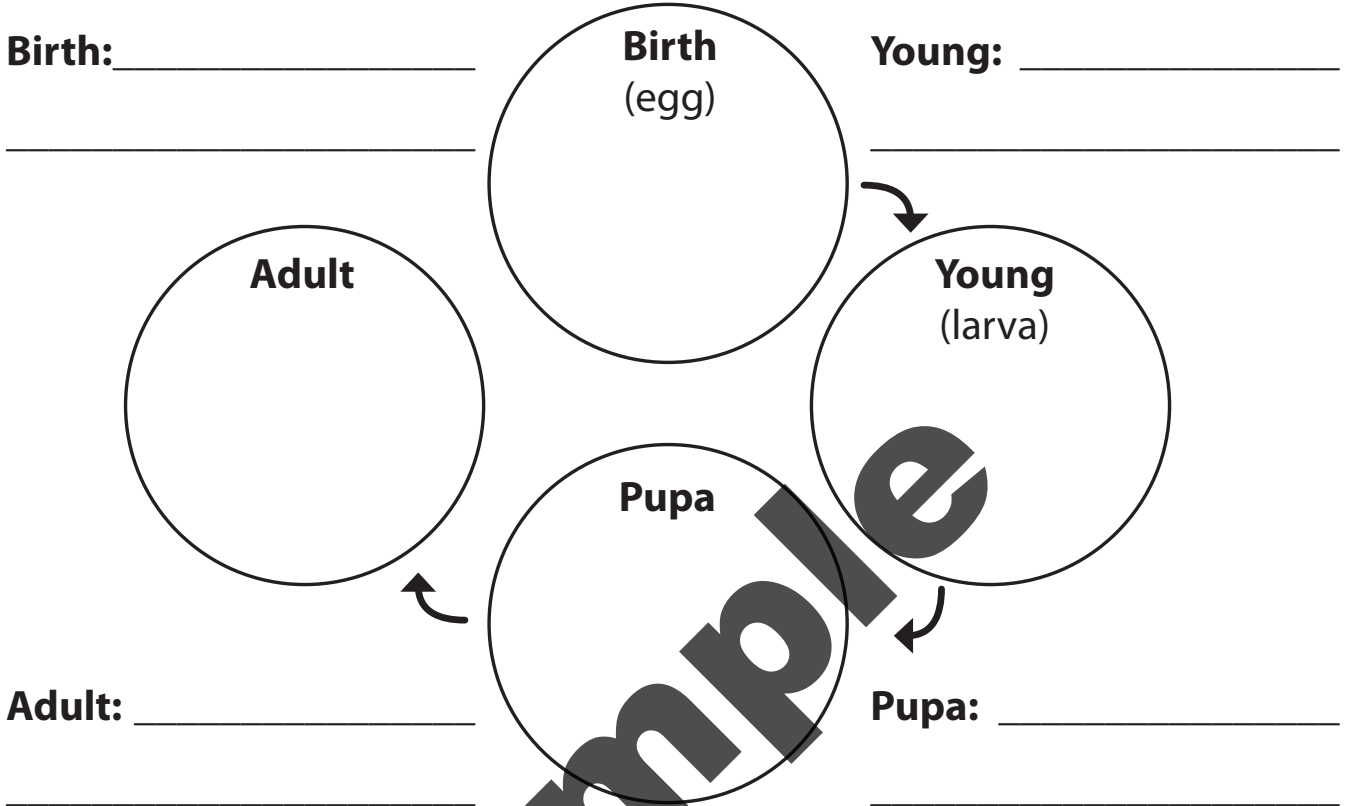
○ Look at the stages of growth that humans go through.
Cut out and glue them in order on a separate piece of paper.



▶ Lifecycles 1



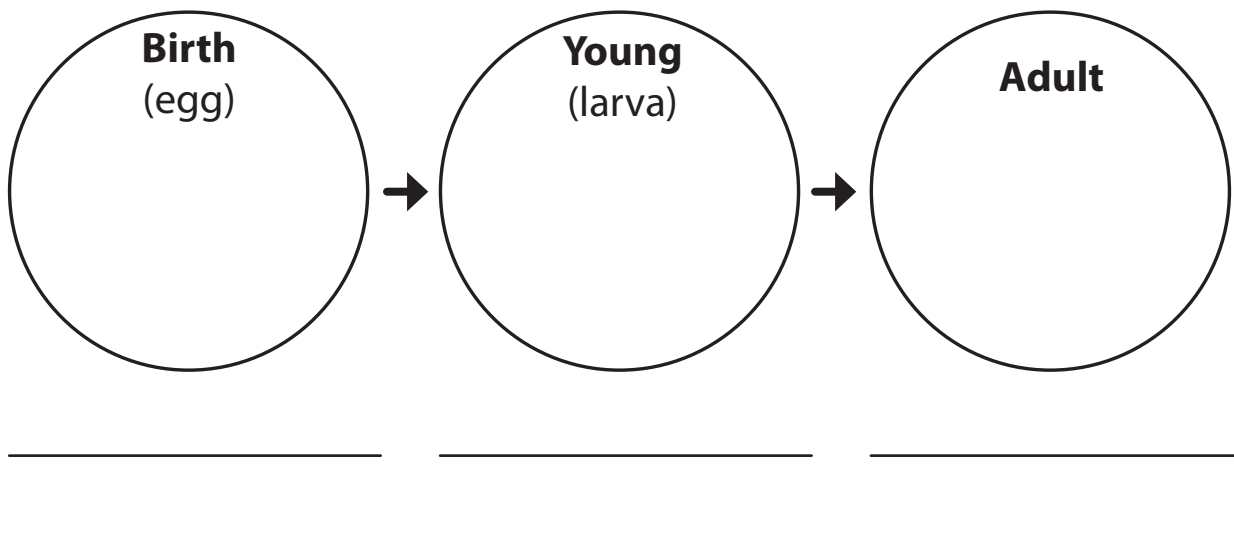
Draw pictures to complete the four-stage lifecycle of a **butterfly**. Write a sentence to explain each stage.



○ Some other insects who share this lifecycle are:



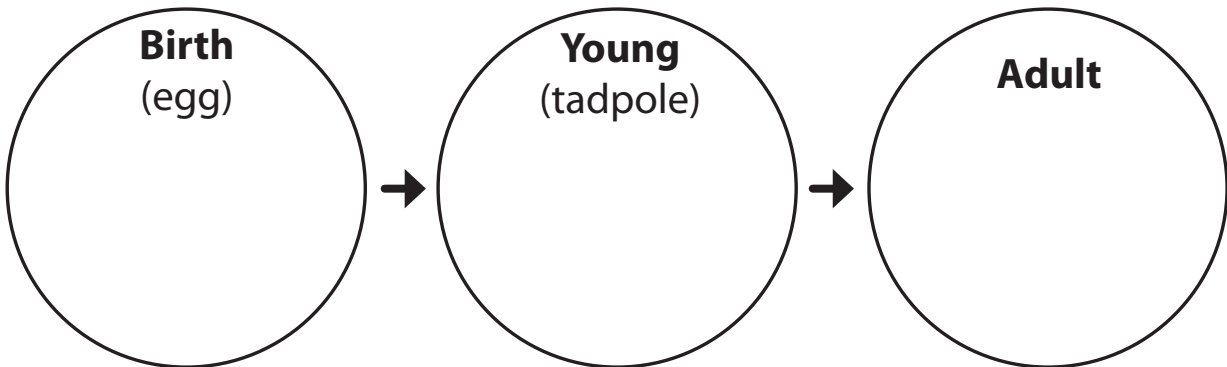
Draw pictures to complete the three-stage lifecycle of a **dragonfly**. Write a sentence to explain each stage.



Lifecycles 2



Draw pictures to complete the three-stage lifecycle of a **frog**.
Write a sentence to explain each stage.

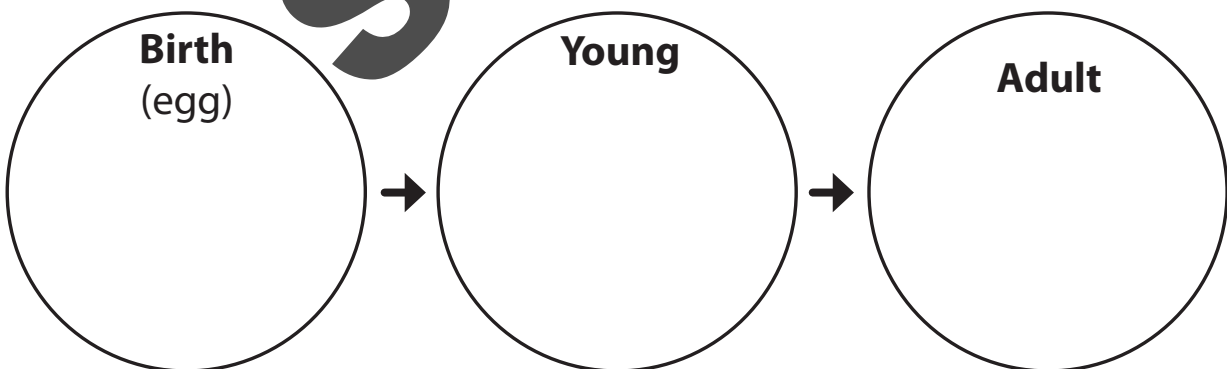


Some other amphibians who share this lifecycle are:



Draw pictures to complete the three-stage lifecycle of a **bird, fish, mammal or reptile** of your choice. Write a sentence to explain each stage.

Lifecycle of a _____



Some other birds, fish, mammals and reptiles who share this lifecycle are:
