

Students: fill in next to the word answer and return the document for assessment.

Science

Book: Life Cycles (5B)

Pages 4-9

Everything here is based on our Curriculum Visions book Life Cycles (5B).

In this segment we are going to think about what a life cycle is.

You will need to go to pages 4-5 of the book.

Part 1

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Write down the stages of a coniferous tree life cycle, one word below the other in a column. Then write a paragraph of the stages of a conifer life cycle using the words you have just written down.

Answer.....

Male cones produce pollen. This is released as the cones open and carried by the wind. Female cones of nearby trees take up some of this pollen and produce seeds. Eventually the female cones open and shed seeds which drop to the ground. The seeds sprout and grow into more fully grown trees.

Part 2

Play the video on page 6. The speaker says that every living things has a life cycle. Write down which parts of the life cycle he is showing you, and which parts are missing.

Answer.....

He shows only the early stages from bean to shoot and first leaves. The parts of the cycle with flowers and finally beans is missing.

Part 3

Go to pages 8-9

Write down the two ways pollen is carried between plants.

Answer.....

By the wind and by insects.

Part 4

Write down the names of the males and female parts of the plants as shown in the diagram on page 8.

Answer.....

Males parts are stamens; female part is the stigma.

Part 5

Turn to pages 9

What is a fruit?

Answer.....

Biologically the swollen part of a flower containing seeds. In general use it is given to a seed with a flesh covering designed to make it attractive to animals so they will eat it and carry the seeds away inside them to new places. Eventually the seeds will be excreted surrounded by partly digested food which will act as a fertiliser.

Write down four fruits that you know

Answer.....

Orange, apple, apricot, lemon etc etc

If you interested in this topic continue to browse the book and watch our amazing videos. They start right on the book cover.