

Life Cycles: Teachers' Notes

This series of four books explains the life cycles of each subject through simple text and photographs. The books support pupils' study of life processes and living things in **science**, covering curriculum topics such as: *Ourselves, Growing plants, Health and Growth* and *Plants and animals in the local environment*.

The books can also be used for **literacy** work as they feature many examples of explanatory text including:

- **Contents** • **Index** • **Glossary** • **Chronological text** • **Present tense text**
- **Photographs** • **Headings** • **Captions** • **Labels** • **Flow diagram**

They also include an additional text type: *Instructions for activity*.

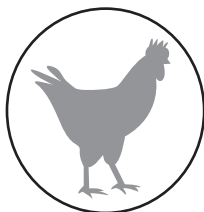
Photocopiable worksheets

A photocopiable worksheet is available for each book in this series. These enable you to ensure that the children have grasped key ideas from the books. The children will need to have access to the books in order to complete the worksheets. Use the worksheets in a guided reading session, for topic-based group work, or even for homework.



Instructions for the **Bumblebee** worksheet:

- Ask the children to read the words in the beehive. Encourage them to use the glossary and index to check the meaning and purpose of each word.
- Children should write the relevant words in the boxes before they draw the pictures.
- Encourage them to refer to the book while completing the worksheet.



Instructions for the **Chicken** worksheet:

- Ask the children to read the words in the eggs. Encourage them to use the glossary and index to check the meaning and purpose of each word.
- Children should re-read the book, writing all the words that are relevant beside each stage in the chicken's life.



Instructions for the **Frog** worksheet:

- Children should complete the image in each box, including as much detail as they can. They need to add tail, legs or eyes as appropriate.
- Encourage them to refer to the book while completing the worksheet.
- Discuss what happens at the end of the life cycle.



Instructions for the **Sunflower** worksheet:

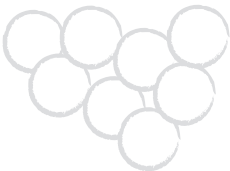





- Children should read the labels at the bottom of the page. Encourage them to use the glossary and index to check the meaning of each word.
- Children should draw lines to the illustrations when they label the parts of the plant.



Life Cycles: Frog

Name _____ Date _____

- Read the book *Life Cycles: Frog*.
- Finish the pictures to show what a frog looks like as it grows. Use the labels to help you.

<p><u>1 day</u></p>  <p>- egg</p>	<p><u>10 days</u></p>  <p>- tadpole</p>	<p><u>2 weeks</u></p>  <p>- gills - tail</p>
<p><u>7 weeks</u></p>  <p>- back legs</p>	<p><u>9 weeks</u></p>  <p>- front and back legs</p>	<p><u>12 weeks</u></p>  <p>- eyes appear - tail shortens</p>
<p><u>15 weeks</u></p> <p>- tail disappears</p>	<p><u>1 year</u></p> <p>- adult frog</p>	<p>What happens next?</p>



Life Cycles: Bumblebee

Name _____ Date _____

- Read the book *Life Cycles: Bumblebee*.
- Draw and write what the bumblebee needs at each stage. Use words from the beehive.



The queen bee finds an

She makes herself a

She lays her eggs and covers them with

She feeds the grubs extra

Each grub spins itself a



Life Cycles: Chicken

Name _____ Date _____

- Read the book *Life Cycles: Chicken*.
- Read the words in the eggs.



- Write the words beside each of these stages in a chick's life. Sometimes you might need to write the same word at more than one stage.

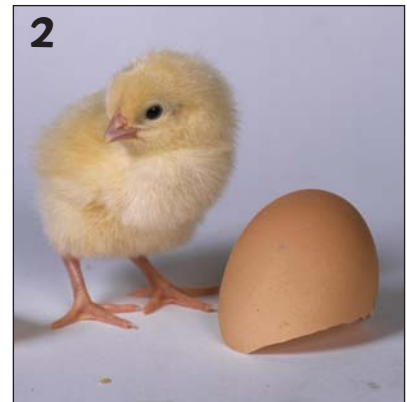
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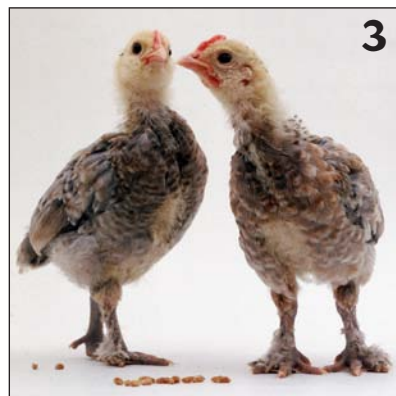
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 3





Life Cycles: Sunflower

Name _____ Date _____

- Read the book *Life Cycles: Sunflower*.
- Label the parts of the sunflower. Use words from the foot of the page. Use the same word for different pictures.

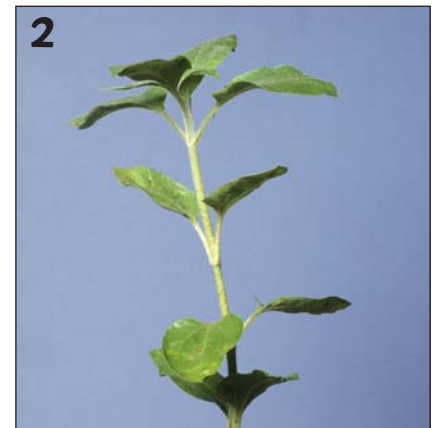
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root	petal	stem
leaves	seed	florets
seed coat	flower-head	shoot