

STAGE 1: LIFE CYCLES

Stage 1: Science & Technology

Outcome: ST1-SCI-01

WHAT TO EXPECT IN OUR ZOO WORKSHOP

All animals have a life cycle where their features and needs change and develop as they move from stage to stage. In their zoo workshop, they will meet a range of animals with unique lifecycles and discover these changes at each stage.



LINKS TO CURRICULUM

Science & Technology

ST1-SCI-01: Measures and describes changes in living things, materials, movement, Earth and the sky

Investigations of changes provide knowledge and understanding

Living things change over time

- Describe the changes in an animal as it goes through its life cycle using data and scientific models



SUGGESTED TEACHER ACTIVITIES

WHAT DO YOU KNOW ABOUT LIVING THINGS?

Write the two headings 'Living Things' and 'Non-Living Things' on the board. As a class discuss living vs non-living and have students create their own definition of what it means to be living. Identify some of the living and non-living things around the school yard/ playground. Students might like to take a whiteboard with them outside as they explore. When you return back to the classroom, write all the ideas up on the board in the correct category.

KWL CHART

As a class choose two living things from your school yard, making sure at least one is an animal. Thinking about what each of these living things need to survive, complete a K.W.L chart similar to the example below. Be sure to include any information about the animal's life cycle that you already know.

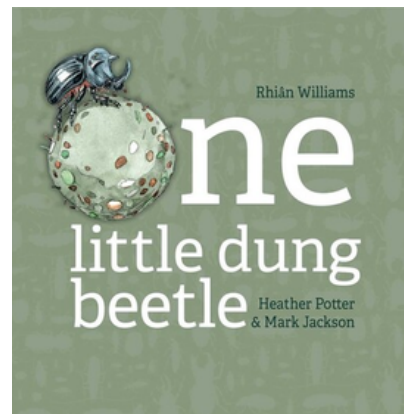
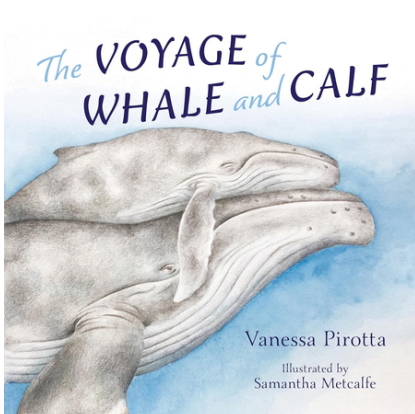
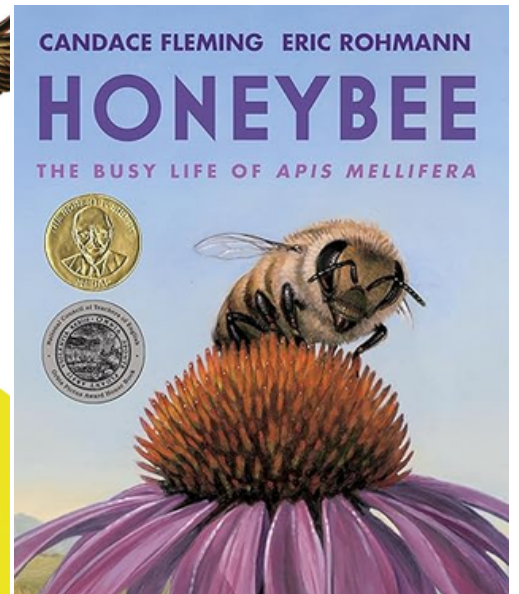
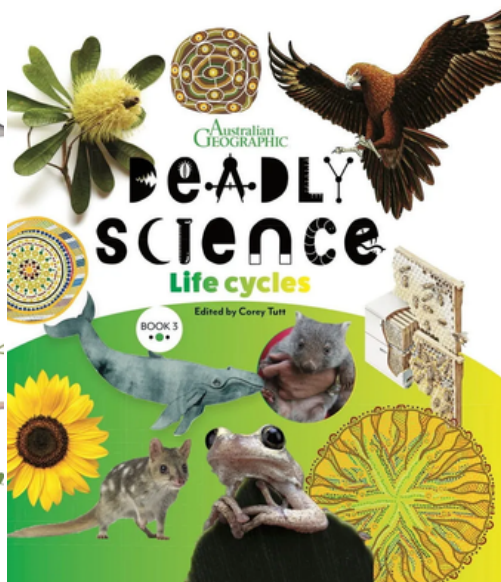
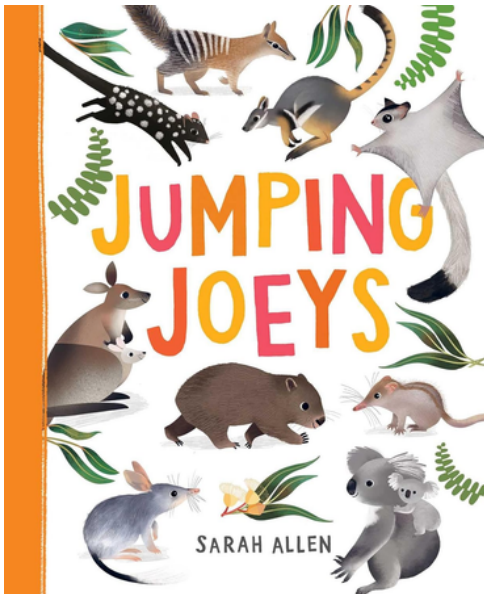
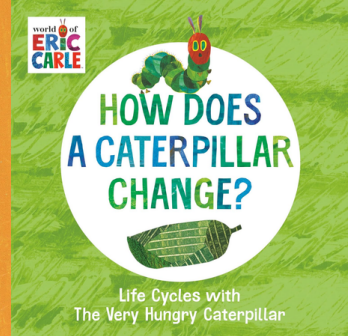
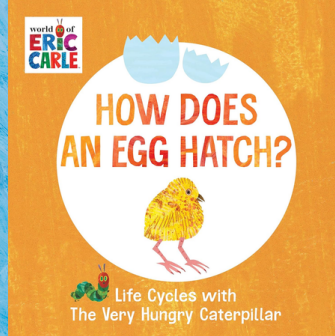
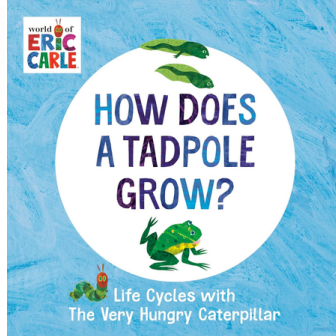
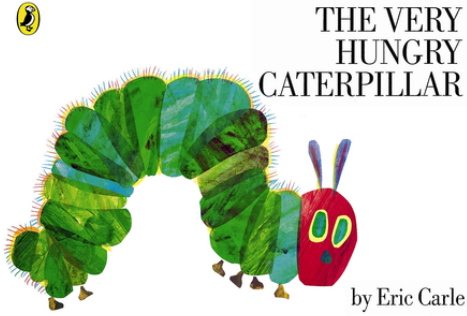
ANIMAL NEEDS

As a follow up from the KWL chart, have a discussion with your class where they brainstorm everything that the living thing might need to survive. Where possible, include information about their specific life cycle. This might include drawing and labelling a diagram of that animal's life cycle.

K.W.L. CHART		
What do you know and what would you like to know? Complete K and W columns first, and then the L column at the end of your learning activity.		
K What I already know	W What I want to know	L What I have Learned

SUGGESTED LITERACY TEXTS

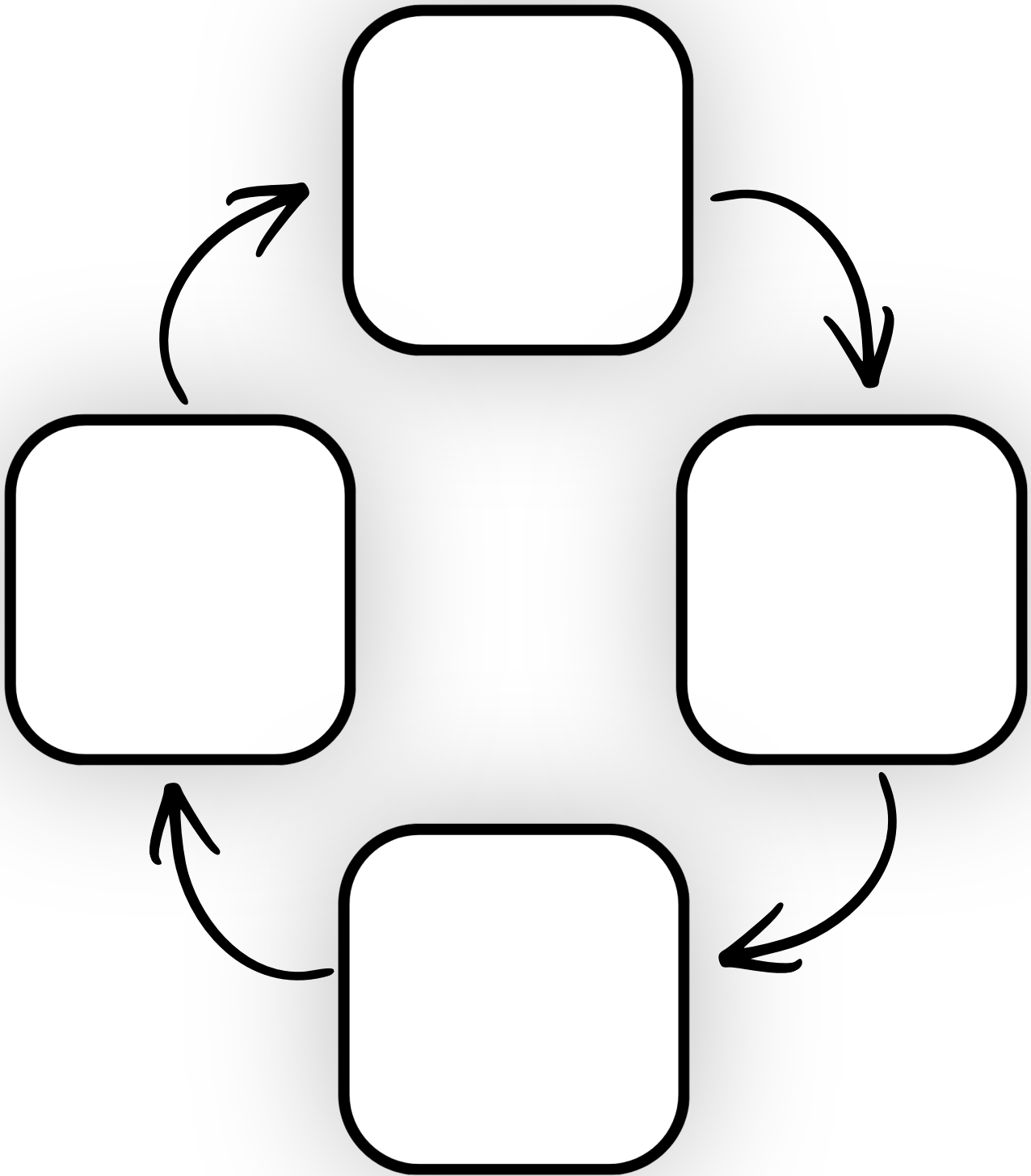
Please find below some suggested texts to support you at school.



LIFE CYCLE

Pre-Zoo Visit

Choose an animal to draw its life cycle. Make sure you draw and label any important features.



LIFE CYCLE

Pre-Zoo Visit

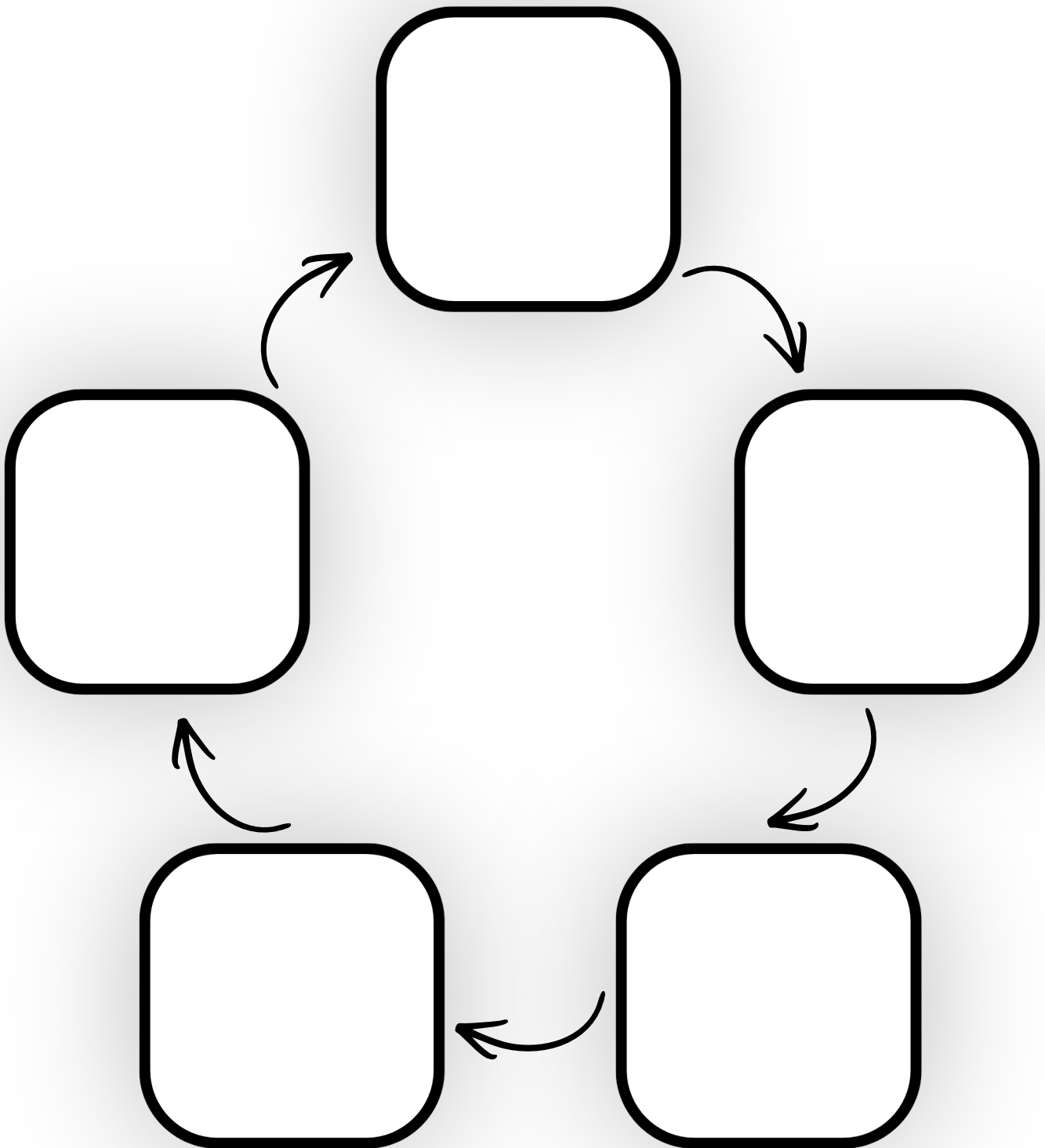
Choose an animal to draw its life cycle. Make sure you label any important features. Write a sentence about each stage of the life cycle.

The diagram consists of four empty rounded rectangular boxes arranged in a circle, connected by curved arrows pointing clockwise. Each box is intended for a student to draw a stage of an animal's life cycle and write a sentence about it. The boxes are positioned at the top, bottom, left, and right. Each box has horizontal lines next to it for writing: the top box has lines to its right, the bottom box has lines to its right, the left box has lines to its left, and the right box has lines to its right.

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