



Sample assessment task

Year level	2
Learning area	Science
Subject	Biological Sciences
Title of task	Life cycles

Task details

Description of task	Students will describe the changes that occur during a given life cycle and be asked to develop their own. Students will identify similarities and differences between a parent and the offspring using a Venn diagram.
Type of assessment	Summative
Purpose of assessment	This task may be used at the end of a unit of work to demonstrate students' understanding and knowledge of content, and to demonstrate some inquiry skills.
Assessment strategy	Written short answers
Evidence to be collected	Completed task
Suggested time	40 minutes

Content description

Content from the Western Australian Curriculum	Science Understanding Living things grow, change and have offspring similar to themselves Science Inquiry Skills Pose and respond to questions, and make predictions about familiar objects and events Use a range of methods to sort information, including drawings and provided tables and through discussion, compare observations with predictions Represent and communicate observations and ideas in a variety of ways
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Task preparation

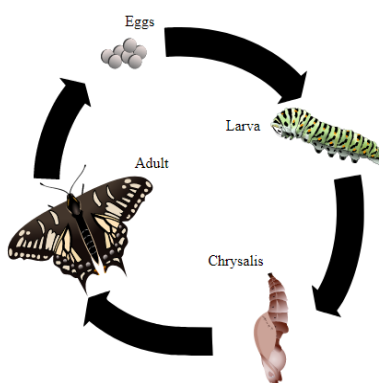
Prior learning	Students have prior knowledge of living things and how they grow and change through different stages of their life. They have looked at more than one example of a life cycle, recorded observations and answered questions.
Assessment differentiation	Teachers should differentiate their teaching and assessment to meet the specific learning needs of their students, based on their level of readiness to learn and their need to be challenged. Where appropriate, teachers may either scaffold or extend the scope of the assessment tasks.

Assessment task

Assessment conditions	This is an individual, in-class assessment.
Resources	Worksheet provided (A3 size recommended)

Life cycles

1. Describe the changes that happen during this life cycle.



2. Draw and describe your own example of a life cycle (plant or animal).

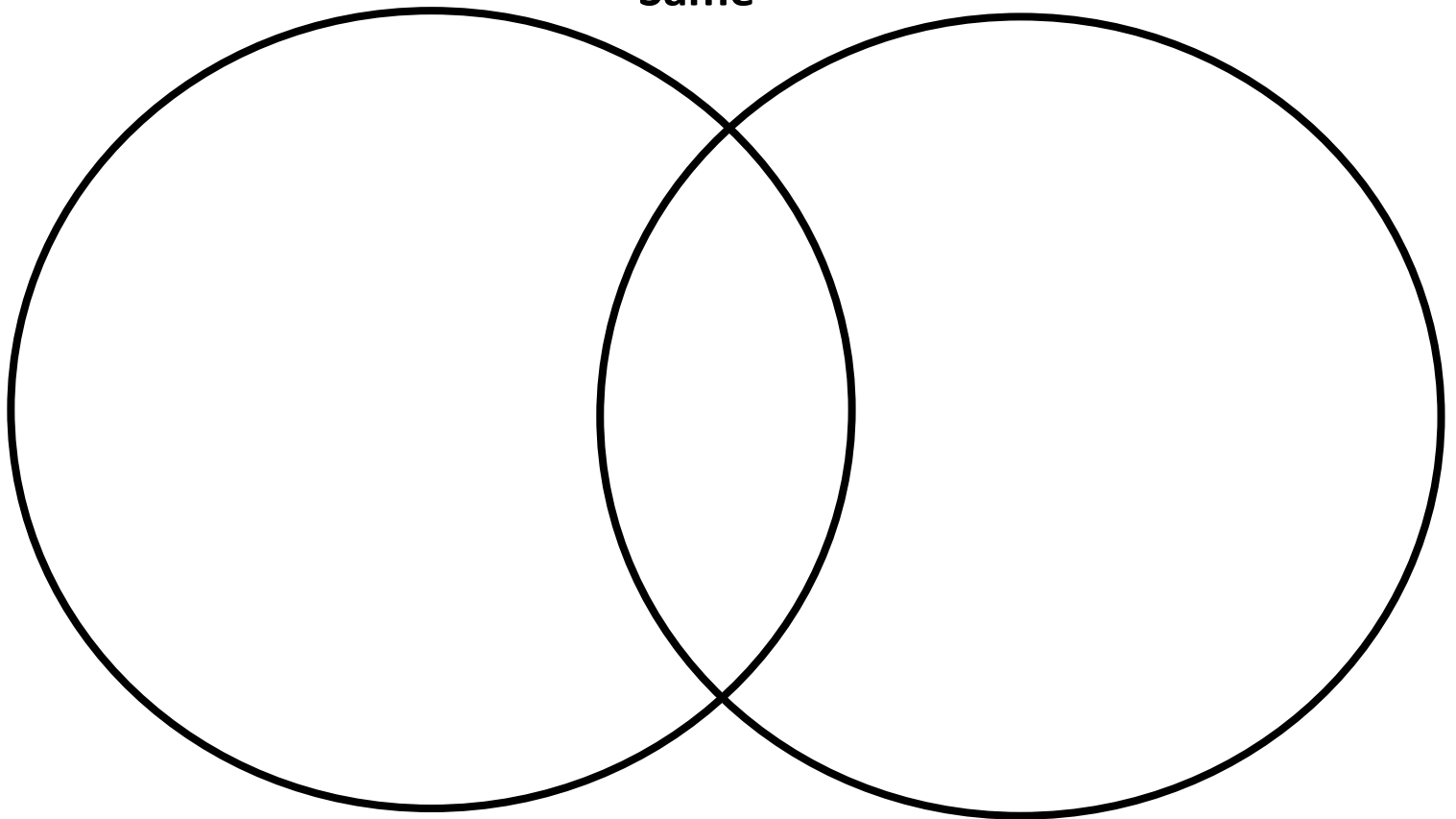
3. Use the Venn diagram below to compare the appearance of the parent and the offspring.



Parent

Offspring

Same



Sample marking key

Description	Check
Question 1	✓
Describes in detail the various stages of the given life cycle. Uses correct and appropriate terms and names of various stages of the life cycle.	
Describes the changes that take place in the various stages of the life cycle. Uses mostly correct terms and names some of the stages of the life cycle.	
States the obvious physical changes that are evident in the pictures. Uses some correct and relevant terms to describe the life cycle.	
Description	Check
Question 2	✓
Correctly sequences the various stages of an alternate life cycle. Communicates in detail the various stages of the life cycle. Applies correct and appropriate terms and names.	
Sequences stages of an alternate life cycle. Provides some detail about the various stages of the life cycle, using mostly correct terms and names.	
Draws some stages of an alternate life cycle. Provides some relevant and appropriate terms and names.	
Description	Check
Question 3	✓
Identifies multiple physical differences between parents and offspring. Recognises common aspects exist within life cycles (eat, breathe).	
Identifies physical differences between parents and offspring. Lists some common aspects within life cycles.	
Lists some features of parents and offspring.	

ACKNOWLEDGEMENTS

Question 1

Image butterfly life cycle

Bugboy54.40. (2009). *Anise Swallowtail Life Cycle* [Image of butterfly life cycle]. Retrieved August, 2017, from https://commons.wikimedia.org/wiki/File:Anise_Swallowtail_Life_Cycle.svg

Question 3

Image of rooster

Byrev. (2007). [Photograph of six white and speckled chooks]. Retrieved May, 2017, from <https://pixabay.com/en/chickens-poultry-birds-wildlife-87109/>

Image of chicken

Onefox. (2014). [Photograph of yellow chicken]. Retrieved August, 2017, from <https://pixabay.com/en/easter-chicks-baby-beautiful-sweet-349026/>