

## *Rationale:*

Students will investigate how living things can be differentiated from non-living things on the basis of observable features. They will explore the differences between living animals, rocks and fossils within Kronosaurus Korner. They will learn that fossils from the Eromanga Sea mostly represent the remains of dead marine creatures. These fossils share features with modern living things but also differences - e.g. fossilised bone is heavier as its original composition has been replaced with different minerals. Students will complete Venn diagrams in communicating similarities and differences between living, once living and non-living things. They will also draw living and non-living things from an outdoor setting. Students will be engaged by activities suited for various learning preferences, with new information processed with the use of visual sources (observing fossils and drawing pictures) and kinaesthetic-based investigations (handling fossils and bones). Students will enjoy activities involving drawing and handling fossils.

## *Learning Outcomes:*

### Cognitive:

Students will:-

1. Learn that living things have observable characteristics such as the ability to grow, move and reproduce.
2. Understand that living and non-living things are separated by numerous differences (e.g. rocks do not require food or air to breathe).
3. Comprehend that fossils are the remains of once living things.
4. Recognise that the fossilised remains of once living things have similarities and differences to living things.

### Affective:

Students will:-

5. Be excited to touch fossils.
6. Be excited to learn on an excursion outside of the classroom.
7. Appreciate selecting their favourite living and extinct creatures.
8. Enjoy drawing living, non-living and once living things.

### Procedural/Skill:

Students will:-

9. Refine their observation skills in studying the features of living, non-living and once living things.
10. Advance their organisational skills in placing words in Venn diagrams.
11. Develop their drawing skills in depicting living and non-living things.
12. Improve their communication skills through discussions with their teacher and fellow students.

## *Resources:*

Activity sheets.

## *Note:*

This lesson is intended to follow a guided tour of Kronosaurus Korner. Tours should highlight themes relating to the learning outcomes within these notes. Teachers wanting to run this lesson without a visit to Kronosaurus Korner can find information on creatures from the Eromanga Sea from:

[www.kronosauruskorner.com](http://www.kronosauruskorner.com)

Clode, D. (2009). Prehistoric Life of Australia's Inland Sea. Melbourne: Museum Victoria Publishing.

For related teachers' notes and activity sheets, please go to [www.kronosauruskorner.com](http://www.kronosauruskorner.com).

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## *Resources:*

Activity Sheets 1 and 2.

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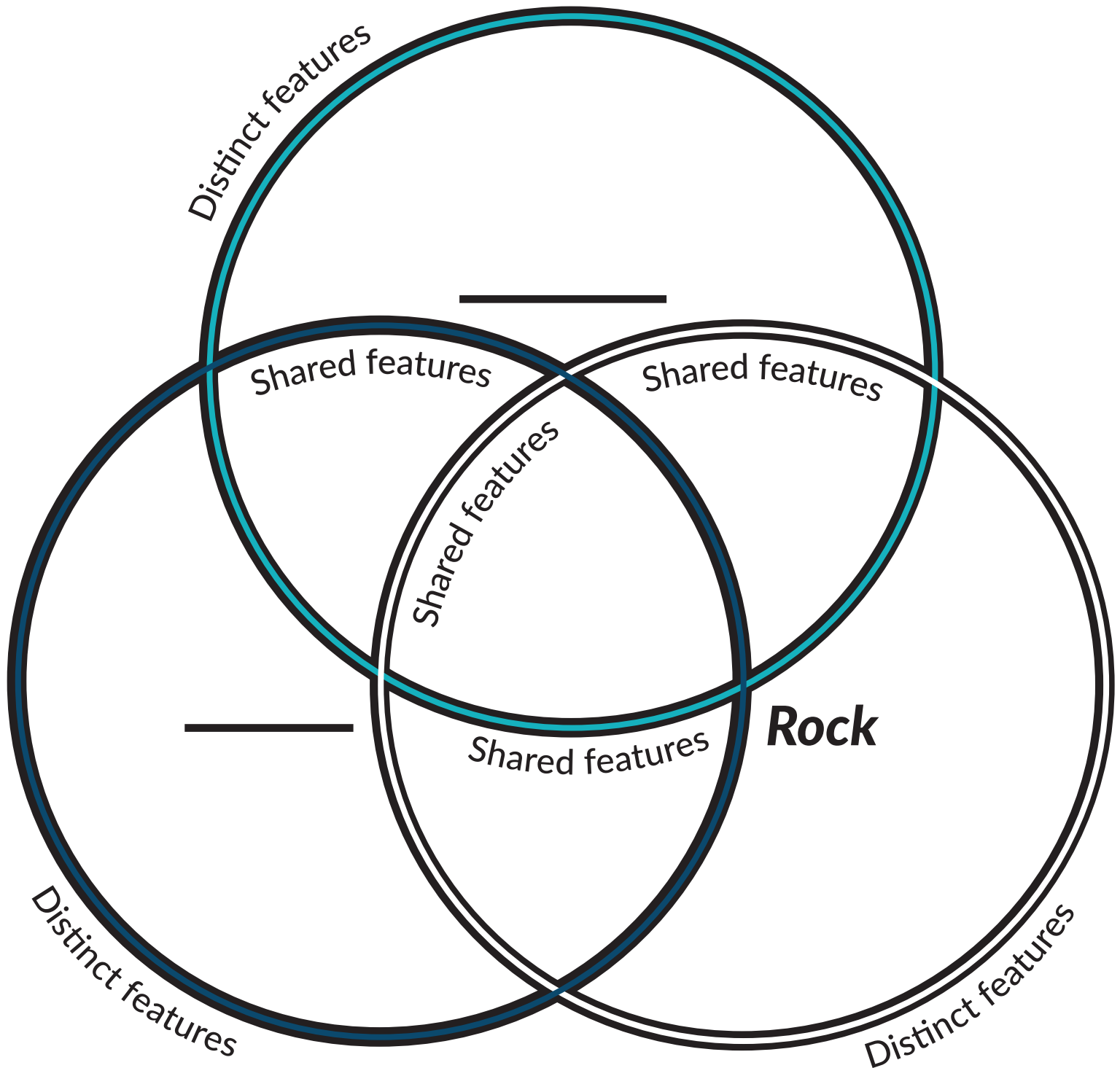
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Name: \_\_\_\_\_

Task 1. Write your favourite living animal in the bottom left circle and your favourite ancient animal from Kronosaurus Korner in the top circle. List the different distinct features where the circles don't overlap. List the different shared features where the circles overlap.



Name: \_\_\_\_\_

Task 2. Draw and label different living and non-living things in your garden, nearby park or schoolyard.