

KOALA LIFE CYCLE



What makes an animal a marsupial?

- Mammals are warm-blooded.
- Mammals have fur or hair.
- Mammals drink milk that comes from their mothers bodies.
- Mammals have backbones.

Make a list of mammals.

- Marsupials are mammals that carry their babies in their pouch.
- Most marsupials are found in Australia and New Guinea.
- The Virginia opossum is the only marsupial that lives in North America.

Make a list of marsupials.



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WHAT IS INCLUDED

Facts about Koalas and their Life Cycle

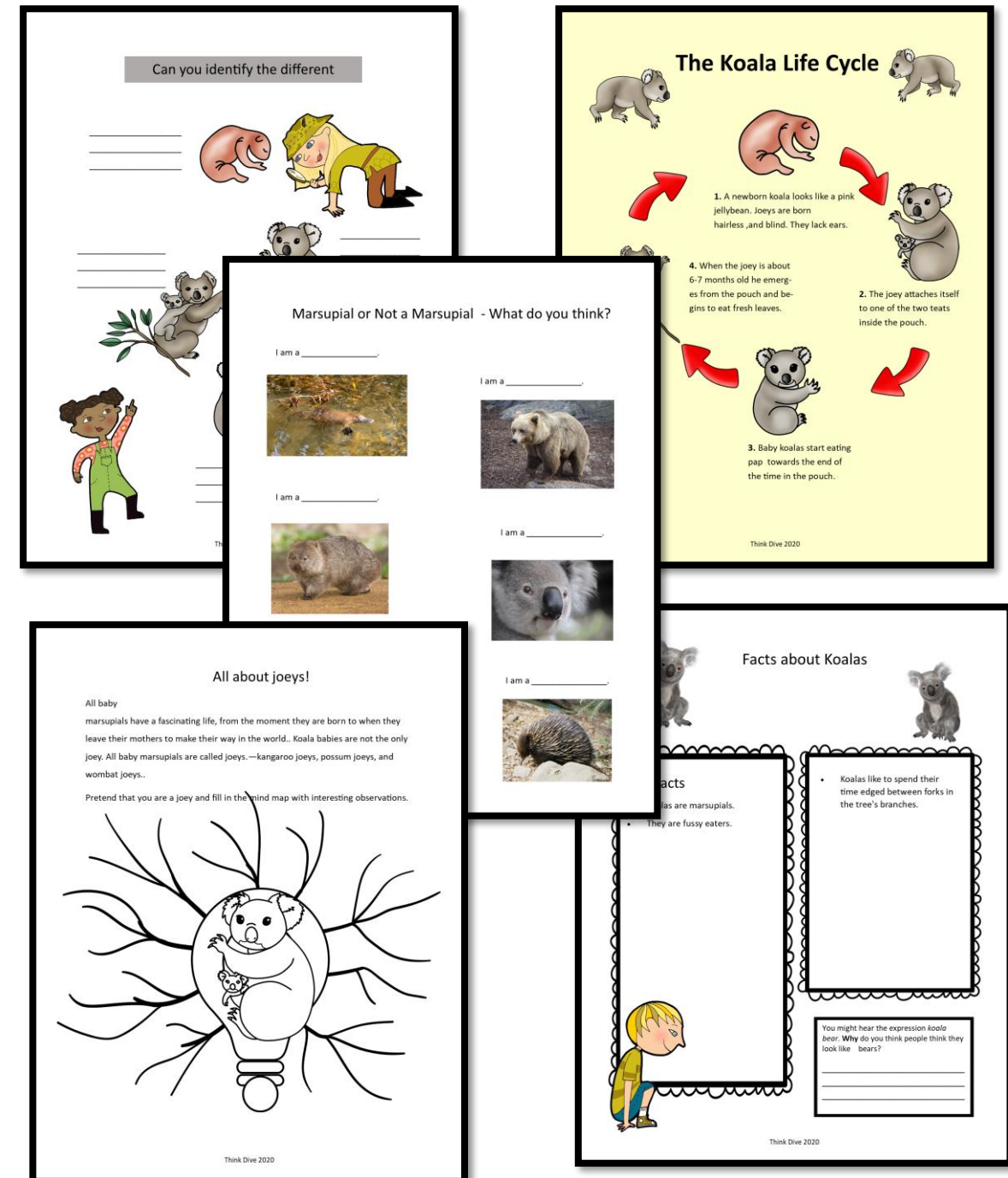
Life Cycle Cards

Superpowers

Drawing activities

Imagination Challenges

Design Challenges Inspired by Nature



GREAT TO USE FOR

- ❖ Animal Units
- ❖ Nature Projects
- ❖ Australia Projects
- ❖ Centers
- ❖ Independent Work
- ❖ Creativity Challenges
- ❖ Distance Learning
- ❖ Easel Activities included

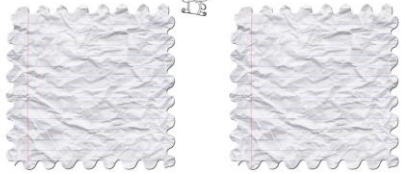


Your students will LOVE creating things and their inventiveness will flow as they explore the genius of nature.

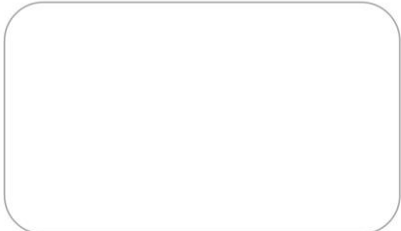
Using nature as inspiration is a powerful way to inspire your students to focus their attention on interesting aspects of the animal world and to use these observations in creative ways.

 **My Koala-Inspired Innovation** 

My idea  What do you need to build your innovation? 



Give your invention a cool name and make a drawing.



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Protection from Heat, Cold and Rain

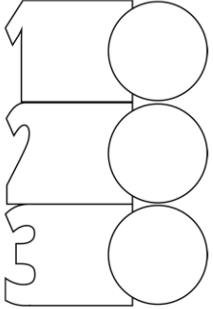
Koalas look soft and cuddly but their fur is not particularly soft to touch. Their fur is thick and woolly. The special fur protects koalas from both heat and cold. It also helps to repel water.

In the raining season during winters koalas sit in a hunched back position and the magical fur helps koalas to get rid of the rain water very quickly from their fur. The joey is protected in the pouch.

Everyone likes a warm, cosy home in the winter and a cool house in the summer.

How can you make a house warmer, cooler and protect it against damage from rain?

Write you ideas below.



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Koalas sleep and sleep and munch on gum leaves

Koalas are mostly nocturnal. Koalas sleep most of the night and sometimes can be seen moving around during the daytime. They can sleep for up to 19 hours per day. How many hours per day do you sleep?

I sleep for _____.

Koalas eat eukalyptus leaves. They can eat up to a kilogram per day.

The leaves are posionnous to most animals. This is why joeys they cannot eat leaves so they eat pap instead. Koalas have a special fibre digesting organ that helps them to detoxify the chemicals in the leaves.

Facts

- Nocturnal animals sleep during the day.
- Koala pap is like when a human baby is fed "mushy" food when it starts to eat solids.
- Detox means to remove harmful



Can you think of something that is harmful to eat or drink that could use a detox machine..

How could a koala-inspired detox machine help people?

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What is the coolest thing that you have learned about koalas so far.

Draw a picture, add some labels to explain it. Add ideas that it sparked.





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