

ANTARCTICA BUNDLE

POLAR REGION ANIMAL OF THE FUTURE

My Name _____

Date _____

Animal Name _____

POLAR REGION ANIMAL OF THE FUTURE



Before changes



After changes

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Arctic & Antarctic
Detective:

What animals live in
the Arctic and Antarctic?

Polar bears can frolic about in the cold waters of the Arctic.

Penguins live in the southern hemisphere. The Emperor, the Adélie penguins, the King penguin, the rockhopper, the chinstrap and the Macaroni penguins live in the Antarctic.

Some animals, like krill, can be found in both the Arctic and the Antarctic.

Where do I live?

We live in _____

I live in _____

We live in _____

I live in _____

I live in _____

I live in _____

I live in _____

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Where do I live?

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I live in _____

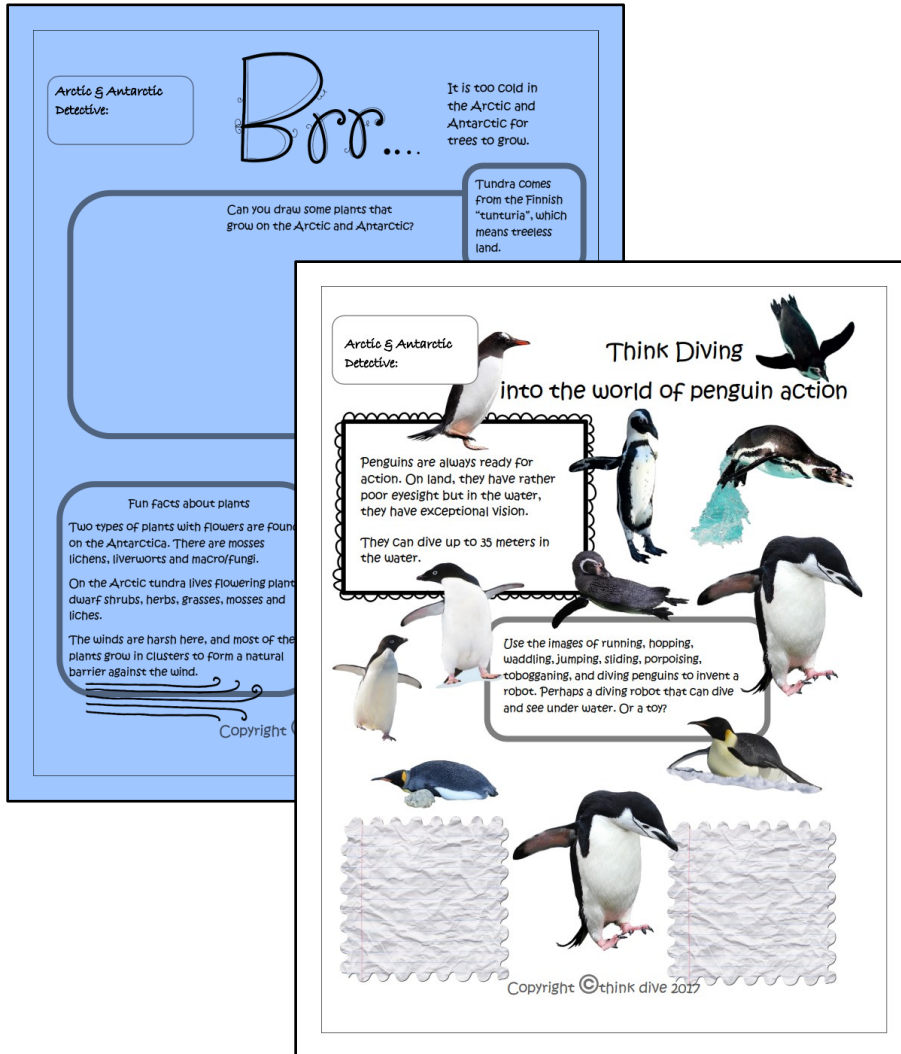
We live in _____

I live in _____

I live in _____

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WHAT'S INCLUDED:



Explore animal and plant adaptations.

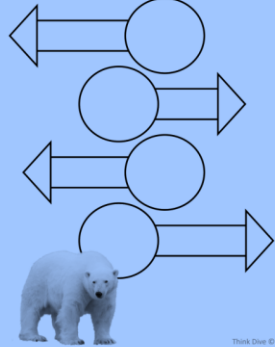
Discover how climate change may prompt animals and plants to adapt and change in various ways.

Learn about the Arctic and Antarctica.

Ways to Use

Environment Units
Climate Change Projects
Polar Region Projects
Independent Work
Sub Tubs
Biomimicry Units

ADAPTATIONS ALREADY MADE BY ANIMALS IN THE POLAR REGION



Animals in the polar regions have made several adaptations to survive in the cold climate. Imagine wearing a super-warm fur coat and then another one underneath! Polar bears have two layers of fur and a thick layer of blubber to stay warm.

Polar bears and walrus are significantly larger than their cousins that live in warmer regions. Their size helps them stay warm – it's like having a built-in heater! Arctic foxes have small ears and short noses, which helps keep them warm.

Arctic hares, foxes, snowy owls, and ptarmigan hide from hungry predators in the snow!

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HOW ANIMALS MIGHT REACT TO CHANGES

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Polar bears and Arctic foxes might develop small body sizes. Several animals, such as Arctic hares and foxes, may keep their brown fur as the climate changes.

Ptarmigans have feathering on their feet, which provides insulation in deep snow, and this might become less dense. There could be a shift towards browner plumage year-round. Longer feathers could provide better protection from the sun's rays during warmer months.

Some animals, such as leopard seals, may start developing teeth that are better suited to changes in their diet, like crushing shells.



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POLAR REGION ANIMAL OF THE FUTURE



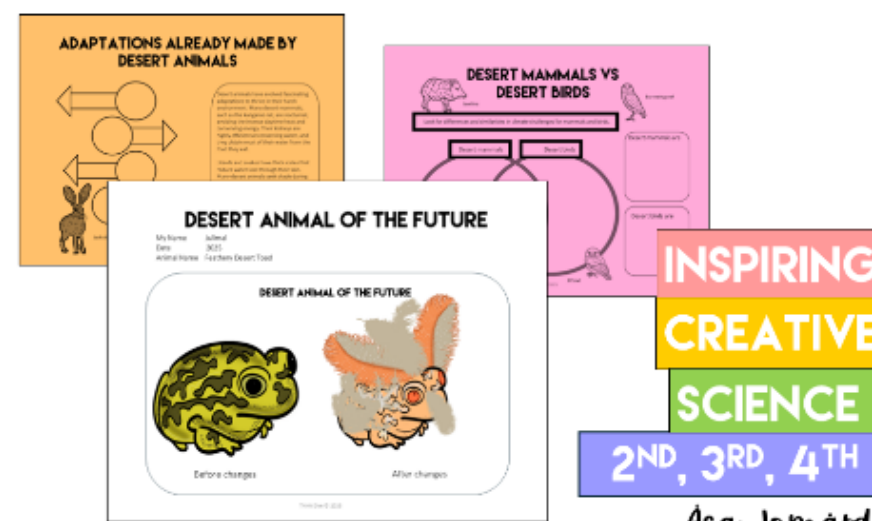
Before changes After changes

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You may like these resources!

DESIGN

ANIMALS & PLANTS ADAPTED TO THE DESERT



ADAPTATIONS ALREADY MADE BY DESERT ANIMALS

DESERT MAMMALS VS DESERT BIRDS

DESERT ANIMAL OF THE FUTURE

My Name: _____
Date: _____
Animal Name: _____
Teacher: _____

DESERT ANIMAL OF THE FUTURE

Before changes

After changes

INSPIRING
CREATIVE
SCIENCE

2ND, 3RD, 4TH

Asa Jomard

DESIGN

HOMES FOR WOODLAND ANIMALS



URBAN SPRAWL

Wildflower Meadow

Climbing Structure & Home

Porous Materials

Raccoon Tower

Raccoon Tower: Providing Animals that Have Lost Their Woodland

HUMANS VS WOODLAND ANIMALS

URBAN SPRAWL - WOODLAND HABIT

CREATIVE
INSPIRING
SCIENCE

2ND, 3RD, 4TH

Asa Jomard

You find me at



THINK DIVE - SPARKING CHILDRENS THINKIBILITY



BIOMIMICRY FOR YOUNG CHILDREN



TEACHER PAY TEACHER



PINTEREST



BIOMIMICRY FOR YOUNG CHILDREN

