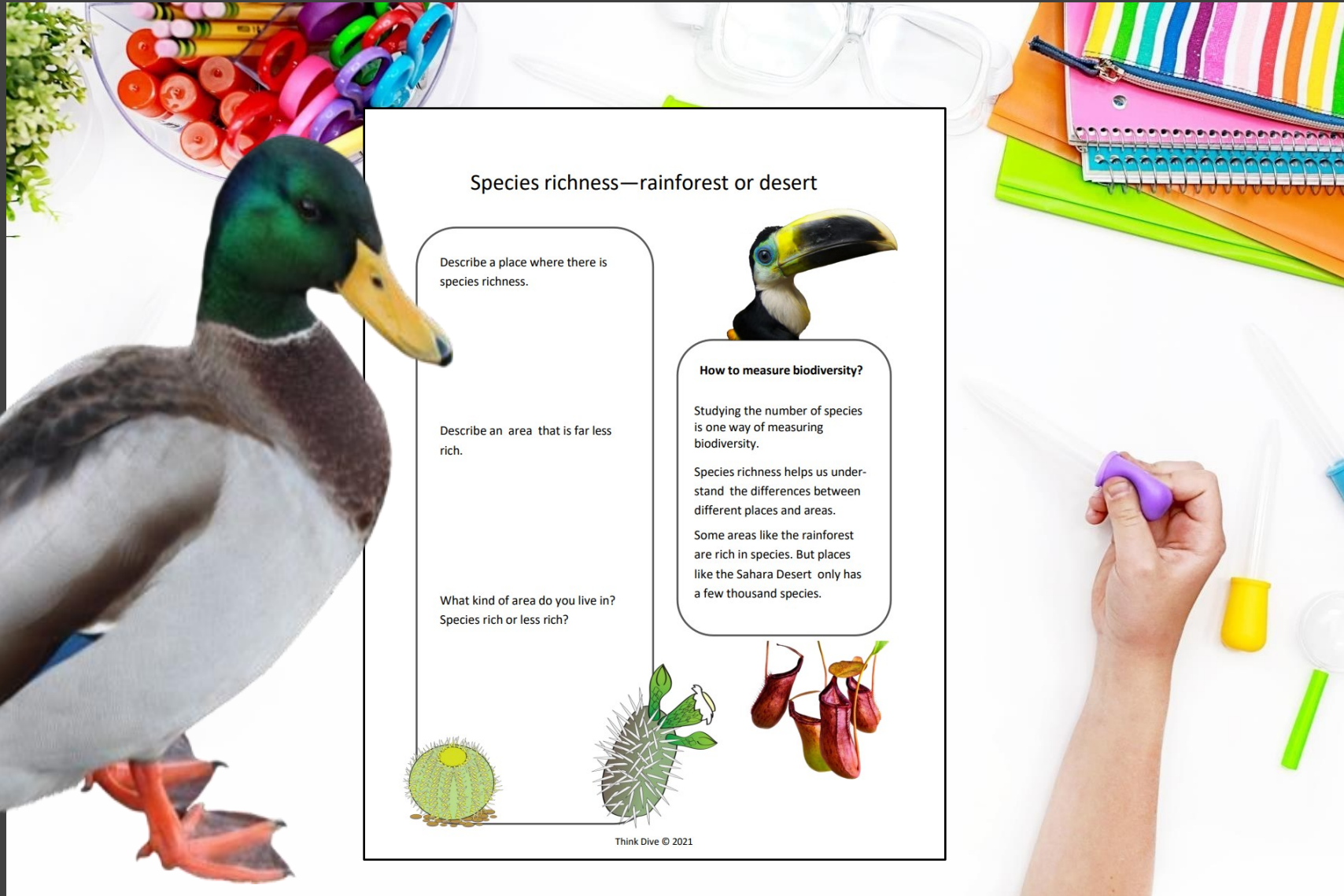


BIODIVERSITY



Species richness—rainforest or desert

Describe a place where there is species richness.

Describe an area that is far less rich.

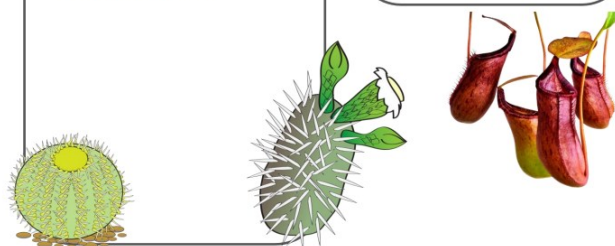
What kind of area do you live in?
Species rich or less rich?

How to measure biodiversity?

Studying the number of species is one way of measuring biodiversity.

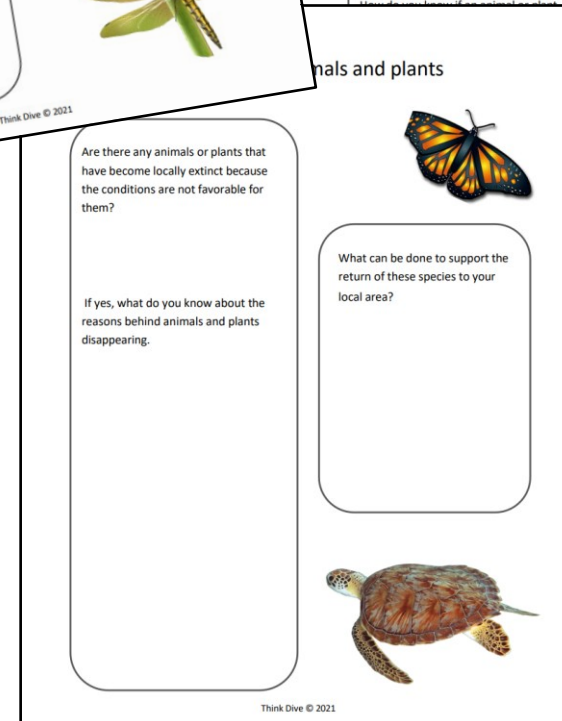
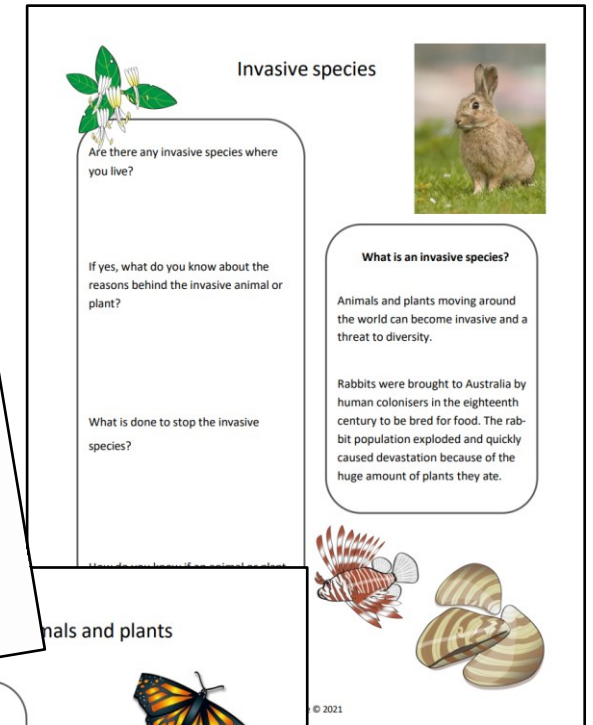
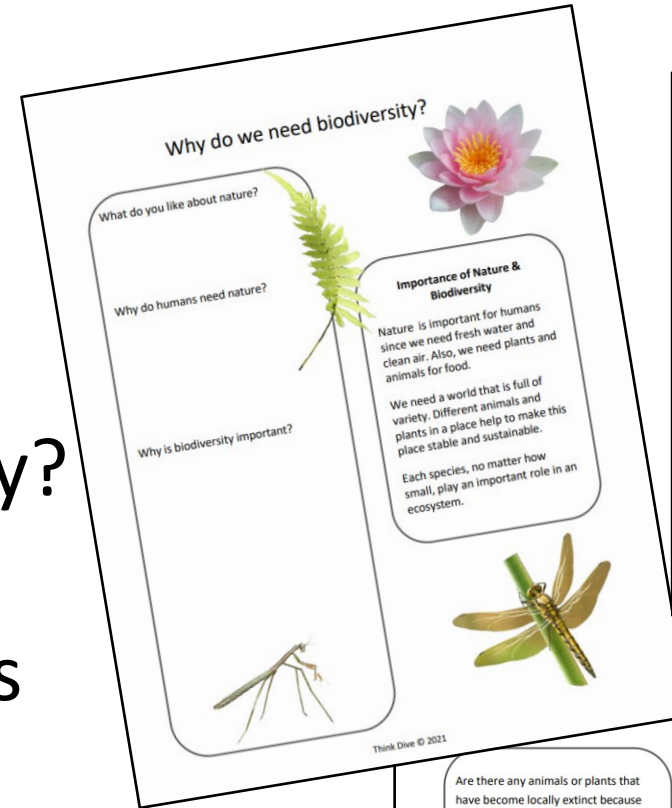
Species richness helps us understand the differences between different places and areas.

Some areas like the rainforest are rich in species. But places like the Sahara Desert only has a few thousand species.



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Why do we need biodiversity?
What is happening to biodiversity?
Species richness
Locally extinct animals and plants
Invasive species
Challenge for improving
Biodiversity

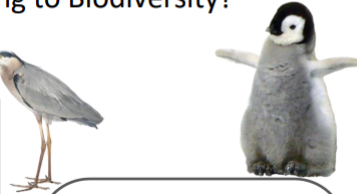


Great to Use for

- ❖ Environment Projects
- ❖ Nature studies
- ❖ Reflection
- ❖ Build science confidence
- ❖ Critical & Creative Thinking

What is happening to Biodiversity?

How has humans affected biodiversity?



Causes of biodiversity loss

Biodiversity is in trouble across the globe. Species and ecosystems can be fragile and even small changes can have a large impact on the number of animals and plants in an area.

There are several reasons behind loss or extinction of animals and plants.

Human population is making the problems worse.

We have overexploited many natural resources. We are drilling and mining for oil and minerals. In the oceans, we are overfishing in some areas. We are converting natural habitats to farms, roads and cities.

Humans have an impact on the climate. Our climate is changing and this is affecting biodiversity.



Review – Math Journal Prompts

“A wonderful set of problems to get students thinking; and I love the extra challenge provided by showing their work to explain how they arrived at the solution. Thank you for the great prompts!”

“I sent this booklet home for parents to help one of my students. It was easy to put it together. Thank you!”

Challenge for improving biodiversity

Design a plan for improving biodiversity. You can make a plan for improving diversity in school grounds, at home or in the community.

Use natural or technological solutions to provide a home for nature that maintains and improves biodiversity.

My selected area is:

What plant and animal species are already living there?

Which new ones would you like to introduce?

Why have you chosen them?

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How will you help all of them?

1

2

3

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My Biodiversity Dictionary

Write or draw an explanation

Sustainability—to use natural resources in a way that we could keep doing for a long time.

Species



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THINK DIVE - SPARKING CHILDRENS THINKIBILITY



BIOMIMICRY FOR YOUNG CHILDREN



TEACHER PAY TEACHER



PINTEREST



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