SUSTAINABLE DEVELOPMENT GOALS

INTER-SCHOOL STEM CHALLENGE

In association with

**Somerset ACADEMY** Est. 1924

13 CLIMATE ACTION

ACTIVITIES

This document is designed at an aspect ratio for printing. Please do not print this page.

TOMORROW PROJECTS

Little Inventors
Ingenious Ideas

Use this mind map to think of inventive ways to protect habitats for wildlife. Add micro-habitats such as your local park and use more paper if you need.

Mangroves

Forests

Oceans

Habitats

Deserts

Gardens

Roof gardens
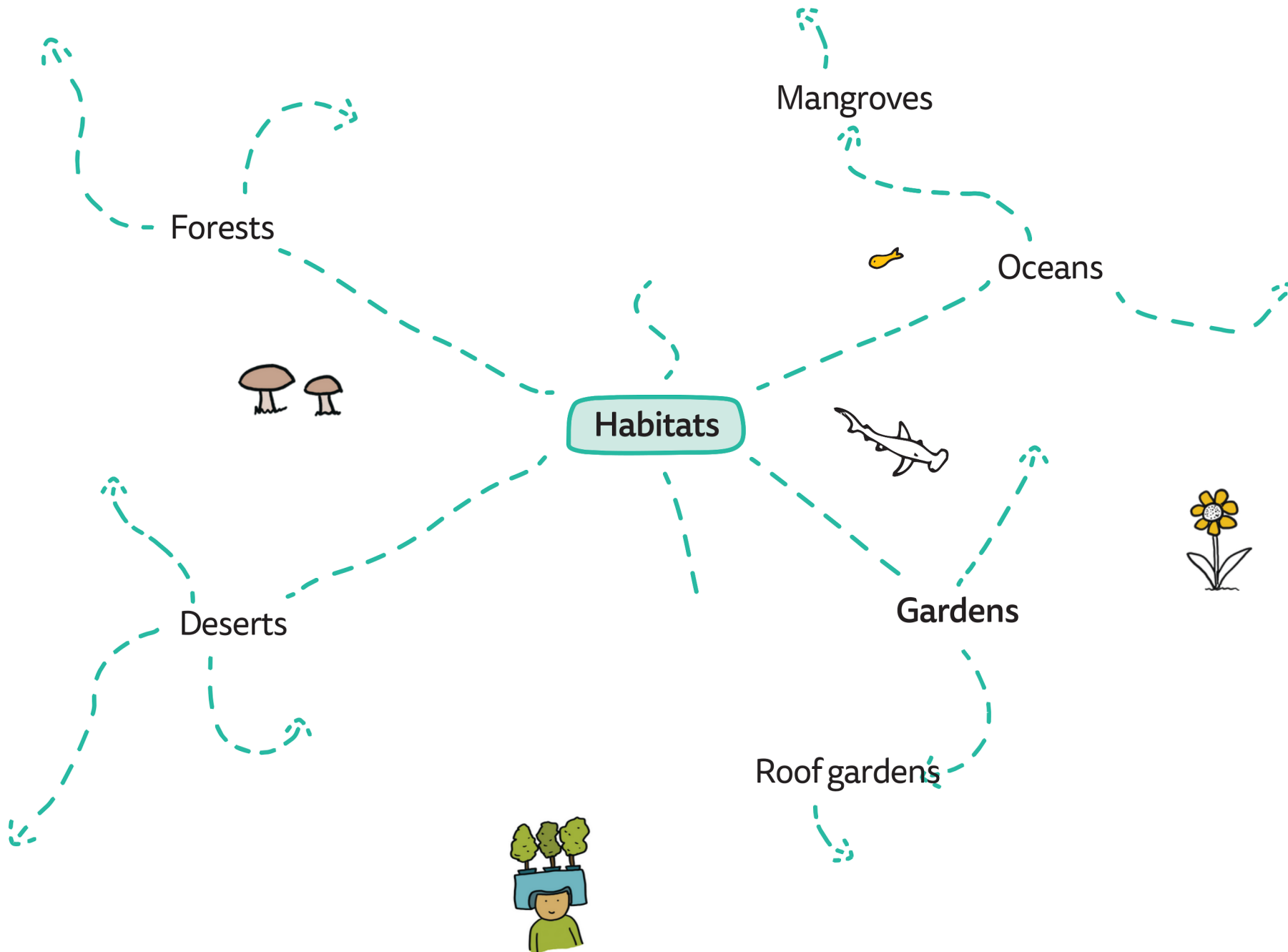
Use this profiler to capture information about a plant or animal that needs protecting!

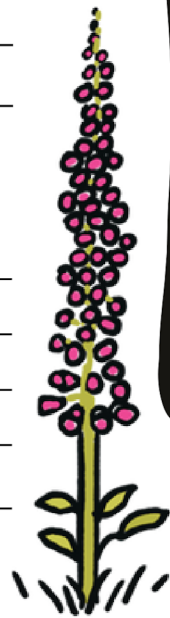**Draw your plant or animal here**

I am: _____

I live: _____

I eat: _____

What's special about your plant or animal?

_____
_____
_____
_____
_____
_____

What are its main threats and dangers?

_____
_____
_____
_____
_____
_____

How you can help it?

_____
_____
_____
_____
_____
_____

Little Inventors
Ingenious Ideas

How could you re-use these old objects to give them a new life? Be inventive! Could you join them together, multiply them, add on other parts or even use them as just a small part of something much bigger? Draw on or around the objects, or on a seperate piece of plain paper to transform them into something fun or useful. You could also think up more of your own!
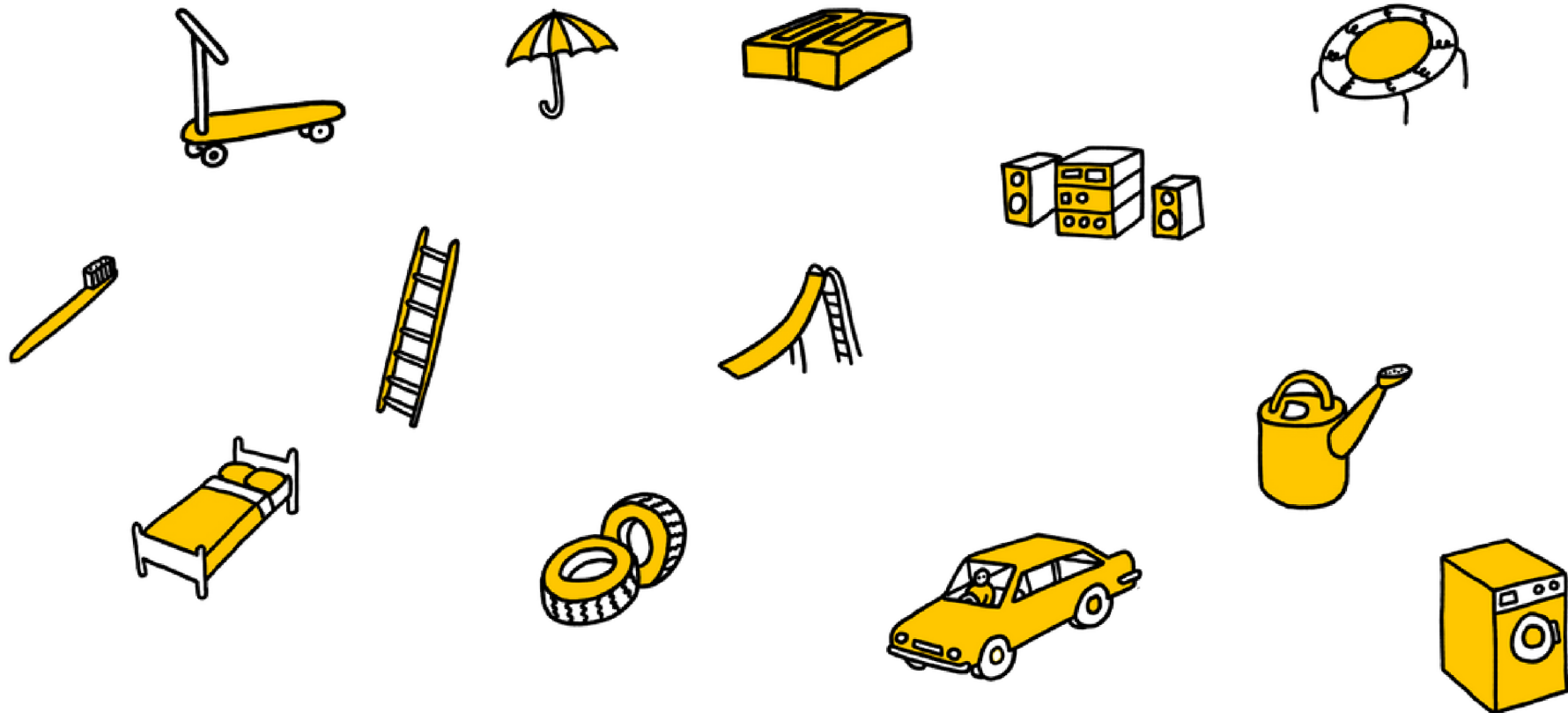
A little inspiration!

Little Inventors
Ingenious Ideas

Write a story about an invention that improves the health of our planet. Who needs help, what's the problem, how did the invention help?

Think about the characters in your story, who are they and why might they need your invention?

_____

_____

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Beginning. How does it start? Where is it set?

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_____

Middle. What is the problem that needs solving?

_____

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_____

End. How could your invention help? What happens next?

_____

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Little Inventors
Ingenious Ideas
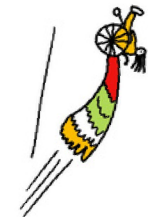
Invent a children's playground that generates green energy	Invent a new way to package food and drinks that doesn't use plastic	Design a house made from things you can find on the beach
Invent a method of transport using butterflies	Invent a device that protects trees from illegal logging	Invent a hat that harnesses green energy to power all your devices
Invent a use for empty coconut shells	Invent a way to use a volcano to heat a city	Invent a way to rescue animals from wildfires
Invent a way to get rid of the 8 million tonnes of plastic that enter in the oceans each year	Invent a mobile phone powered by green energy	Invent a use for the recycled hair from hairdressers' floors

ACTIVITY: MINI CHALLENGE CARDS

Little Inventors
Ingenious Ideas

INTER-SCHOOL STEM CHALLENGE

Little Inventors
Ingenious Ideas

13 CLIMATE ACTION

What can you invent to help prevent climate change and protect our planet?

Invention name

First name .... Age ....

School ....

Town/city ....

Country ....

Tell us more!
(Who it is for, what it does, how it works)

....

....

....

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