



Little Inventors
Ingenious Ideas

SUSTAINABLE DEVELOPMENT GOALS

ACTIVITIES

Thinking up a short story can help to come up with new invention ideas. Stories have a beginning, a middle and an end.

1. At the beginning there's a problem. Who has the problem and what are they finding difficult or annoying to do?
2. In the middle, think about a way to solve the problem in a fun, practical, clever or totally bonkers way!
3. Then at the end show how the problem was solved and how your invention is used.



Here's
some
examples

①

The Problem!

I can't reach
the book
I want!



Books

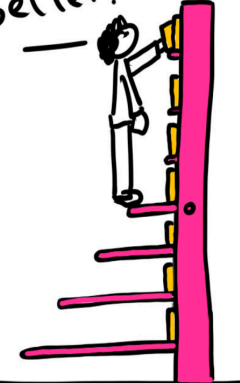
The invention solution!

The book
shelves
slide
out to
make steps



Using my invention!

That's better!



②

The Problem!

The dog doesn't
like the
rain



The invention solution!



Using my invention!

The dog is happy
with his Dogbrella!



Now solve
the problems
on the next
page

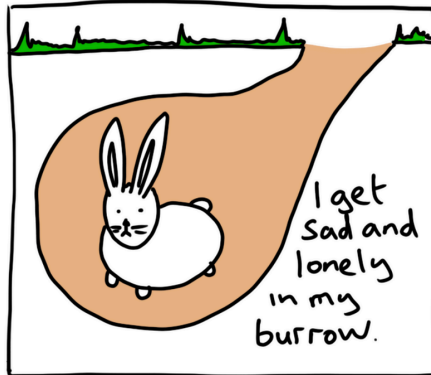


ACTIVITY: PROBLEM DETECTION COMIC PT1

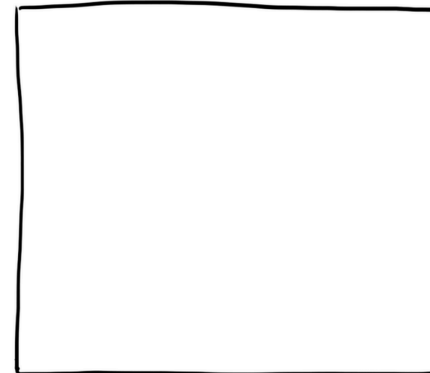
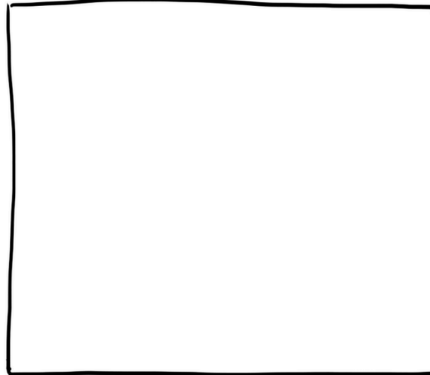
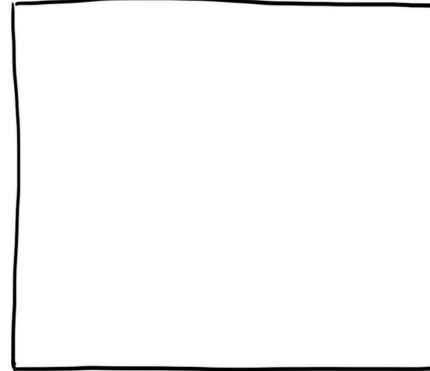
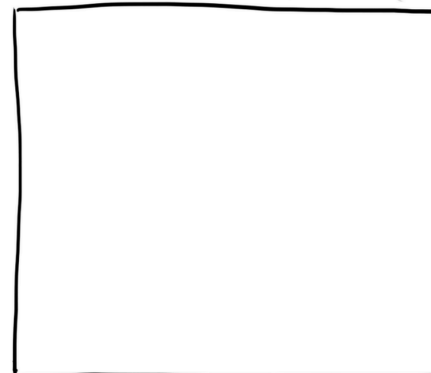
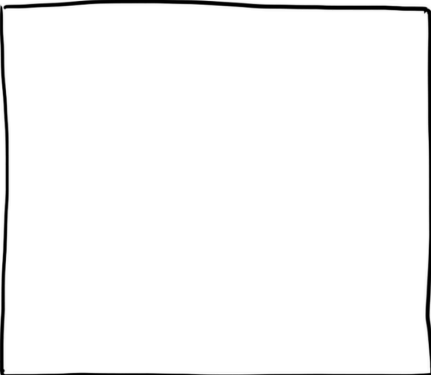
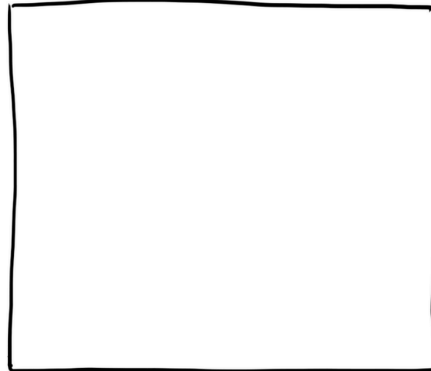
Solve these problems



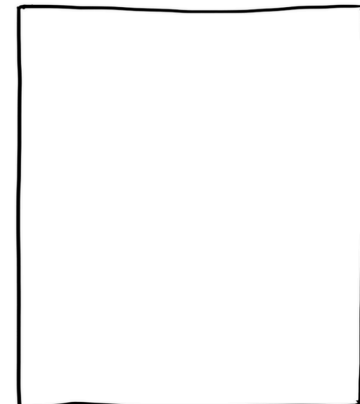
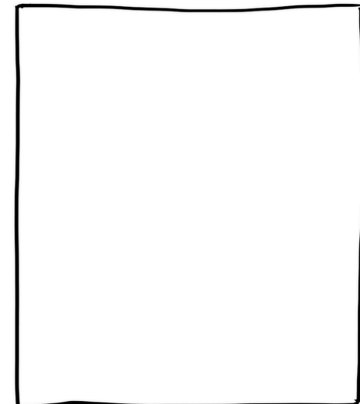
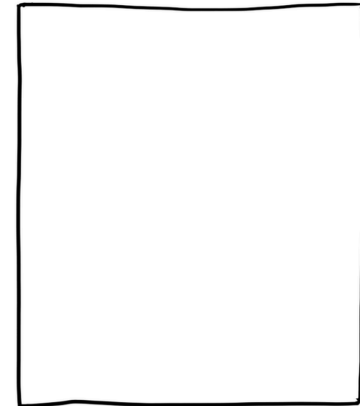
The Problem!



The invention solution! Using my invention!



Now make up your own!



ACTIVITY: PROBLEM DETECTION COMIC PT2

What sea creature superpower would you like to have?

Combine the abilities of two sea animals to make a super creature!
Draw it and add labels.



Imagining what it's like to be a fish helps give me ideas!

What would you do with it?



ACTIVITY: SEA CREATURE SUPERPOWER



Use this profiler and the animal profile pack to explore and record information about an ocean animal that needs protecting.

What's special about me?

What are my main dangers or challenges?

How you can help me?

Draw your animal here

I am: _____

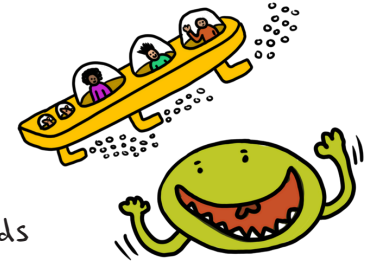
I live: _____

I eat: _____



ACTIVITY: SEA ANIMAL PROFILER

Write a story about an invention that helps protect the ocean and marine life. Who needs help, what's the problem, and how does the invention make life below water better?



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

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

[illegible]

Middle: What is the problem that needs solving?

[illegible]

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

[illegible]

ACTIVITY: WHAT'S THE STORY?

Cut up the cards and pick one to get started.

Invent a device that protects coral reefs from warming seas	Invent a way to help turtles and whales avoid boats	Create a way to protect the ocean using ideas from sea animals
Invent a fishing tool that only catches the right fish and lets others go free	Invent a way to track fish numbers so people don't take too many	Invent a way to help sea animals find safe places to live
Design a way to protect turtle eggs and baby turtles	Invent something inspired by how a sea animal moves, hides or eats	Invent something that helps dolphins stay safe around people and boats
Invent a way to help beluga whales communicate and navigate in noisy oceans	Invent something that helps jellyfish survive in a world they can't control	Invent something that helps seabed animals avoid being caught by accident

ACTIVITY: MIM CHALLENGE CARDS



Can you invent something to help protect life below water and keep our oceans healthy?

International School Challenge!

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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