



Little Inventors Pioneers!

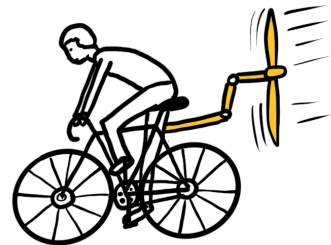
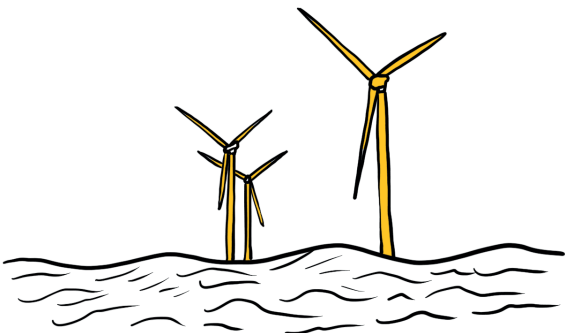


Inventor's Log

This belongs to:



Little Inventors 2020

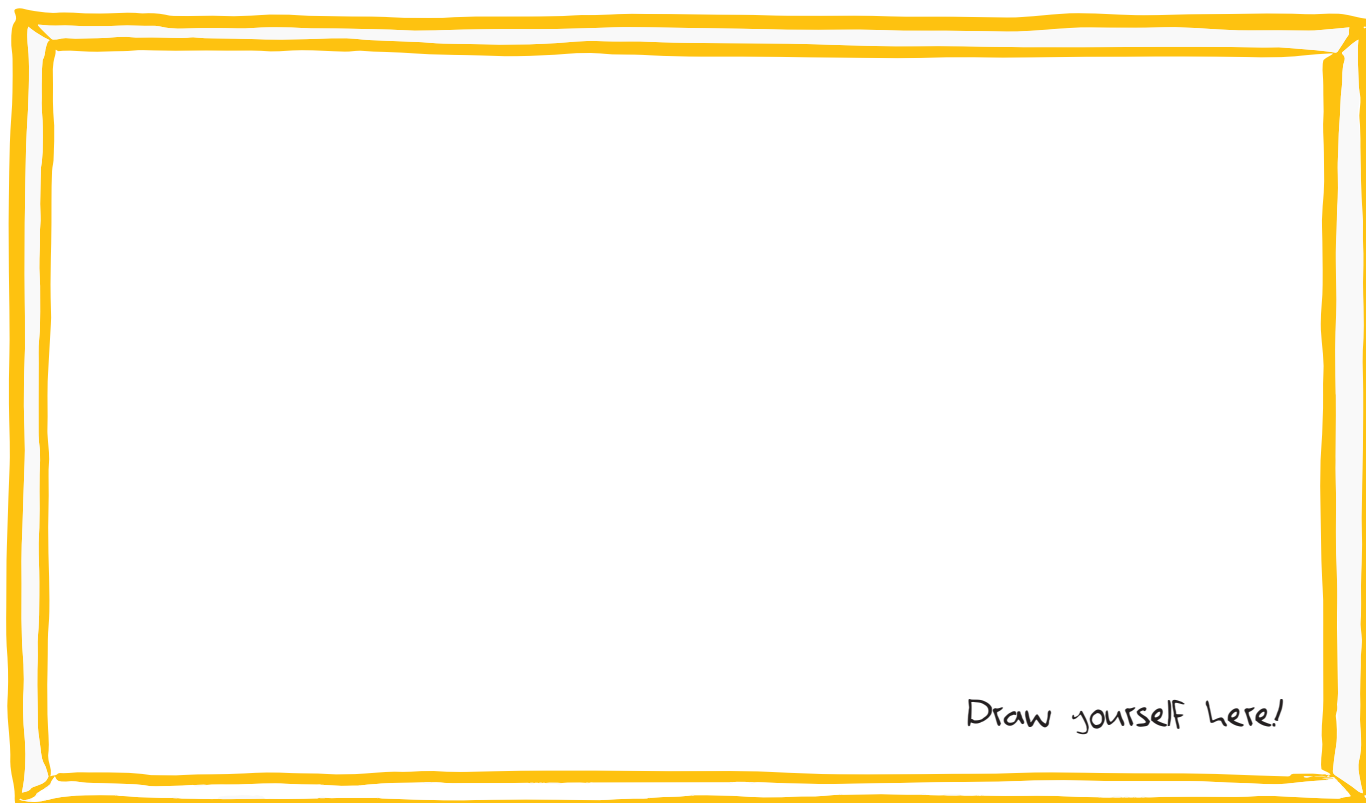


Supported using public funding by
**ARTS COUNCIL
ENGLAND**



TEES VALLEY MAYOR

I'm a Little Inventors Pioneer!



I am years old

I live in

What I really like

What I really don't like.....

Things I'd like to do in the future.....

If I had an energy superpower.....



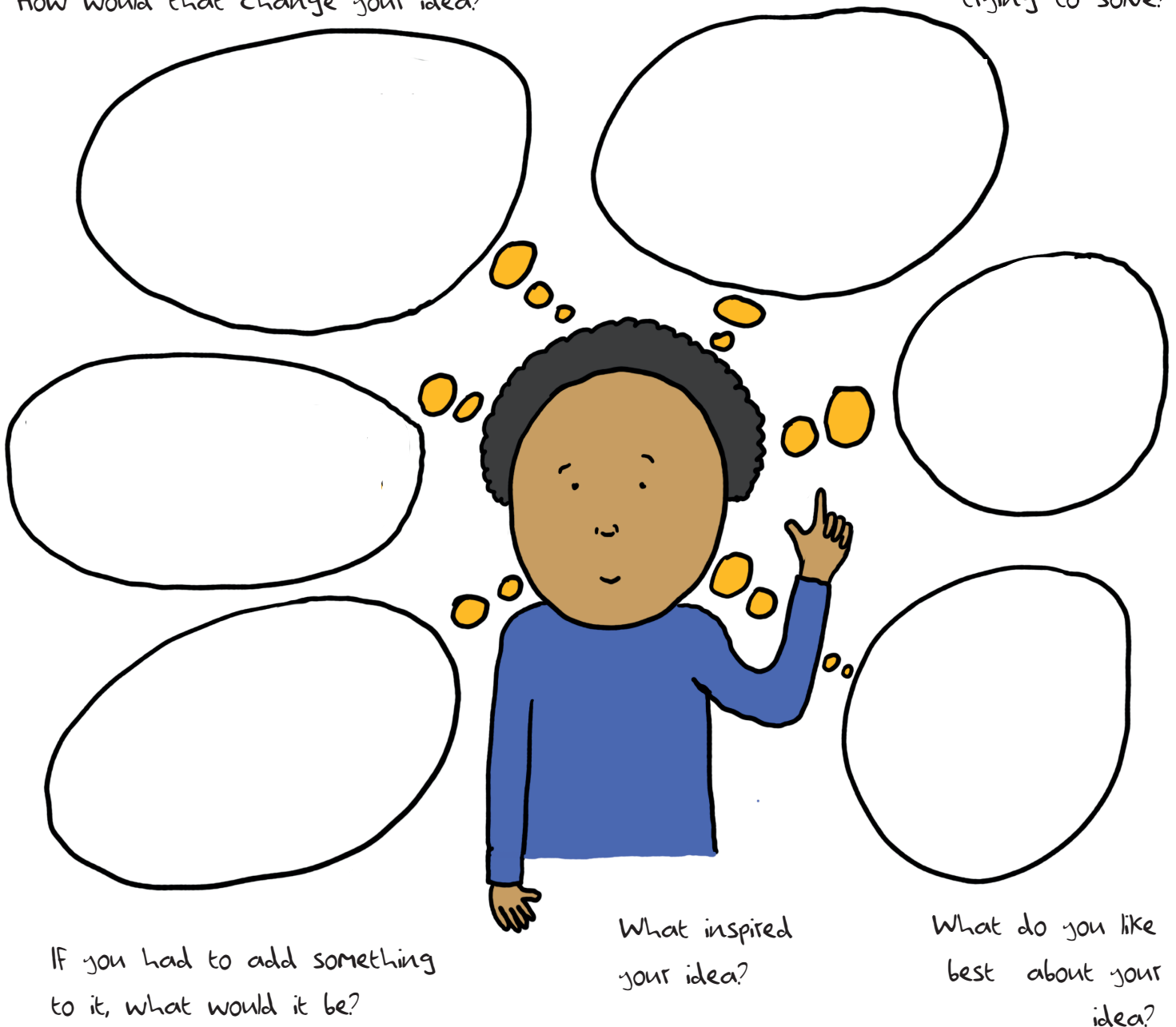
More about your idea

What we loved about your idea:

We want to know more...

What about taking something away?
How would that change your idea?

What problem are you
trying to solve?



If you had to add something
to it, what would it be?

What inspired
your idea?

What do you like
best about your
idea?

Under investigation

Find an interesting object and collect as much information and ideas about it as you can.
You can also use this with your own invention!

What do you like about it?

How does it work?

Who is it for?

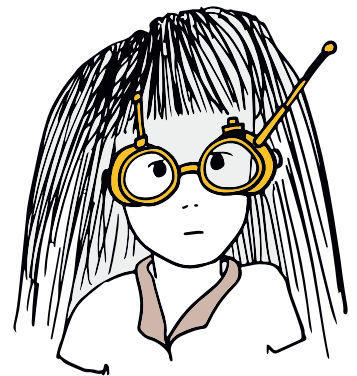
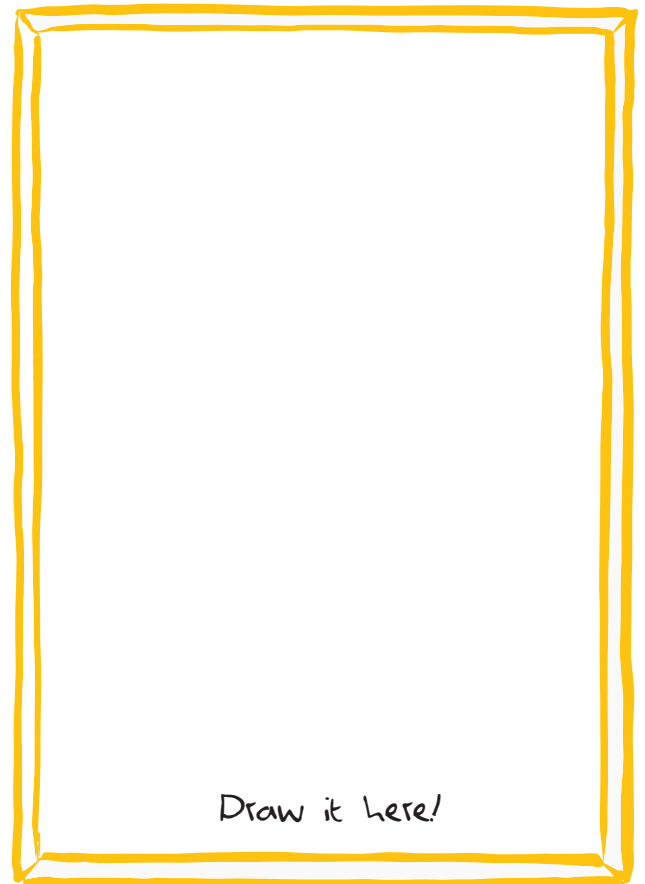
What problem was the inventor trying to solve?

What do you think gave the inventor that idea?

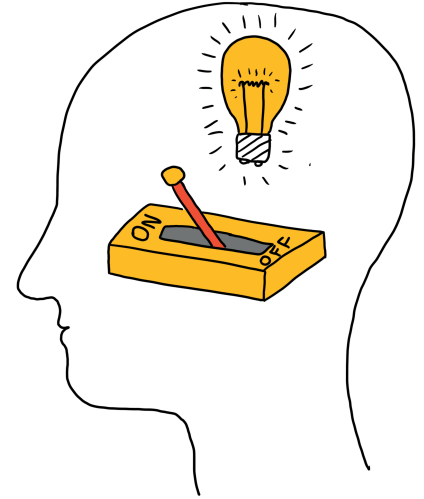
What would make it better?

Can you think of another use for that idea?

Any other ideas or thoughts you have might have!



Top tips to take your idea further



Bring in extra brainpower!

Talk to different people about your idea - it might spark more ideas to make your idea better, or even start you on a new one!

Write a story or comic!

Try writing or drawing a story where someone has a problem and they get to use your invention. What happens?

Be an internaut

Go on the internet to see if anyone has done anything a bit like your idea. How is yours different or how can you change it to make it really unique? Inventing is often about making something that exists better, so what's your take on it?

Sleep on it

Not literally! But take the time to forget about your idea and come back to it with a fresh pair of eyes. What would you do differently (or not?!).

Swap it up

Your idea might be for someone or something specific - what if someone or something completely different was trying to use it, what would happen?

Draw it again

When you've had a chance to think some more, have another go at drawing the same idea. What do you want to add or remove?



What's the story?



Now that you have thought of an invention, write or draw a short story or comic strip to show how it works and how it can help transform situations!

Describe who your invention is for and their situation.

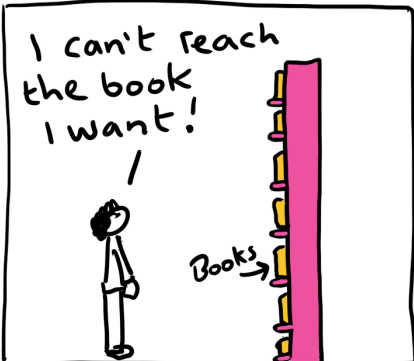
What is the problem they face?

What your invention is, how it's used and how it helps.

My invention comics

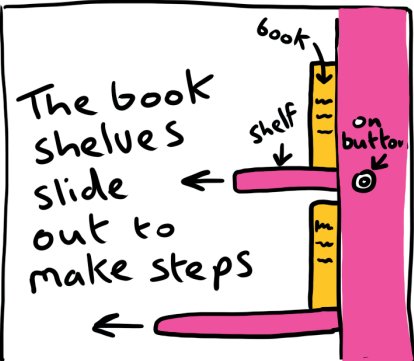
Example

① The Problem! I can't reach the book I want!




Books

The invention solution! The book shelves slide out to make steps




book shelf on button

Using my invention! That's better!

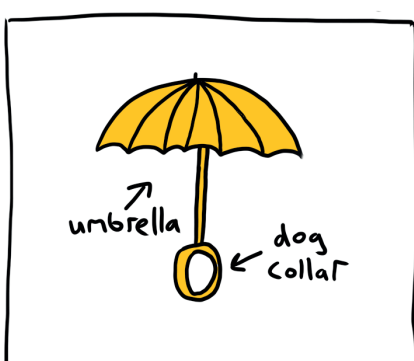


② The Problem! The dog doesn't like the rain



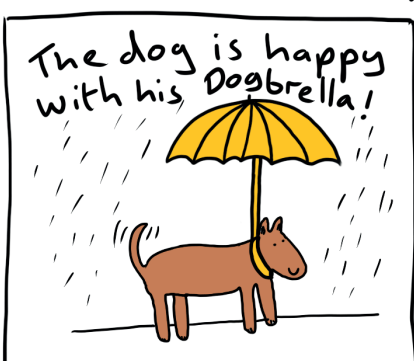
rain

The invention solution!



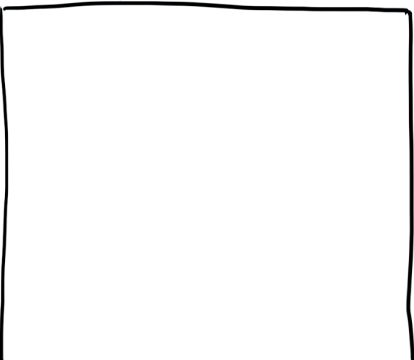
umbrella dog collar

Using my invention! The dog is happy with his Dogbrella!

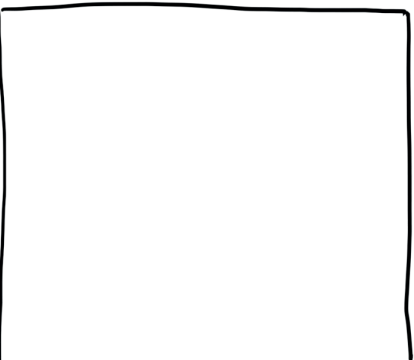


Try it for yourself...

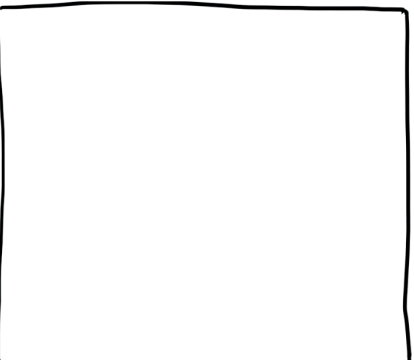
The Problem!



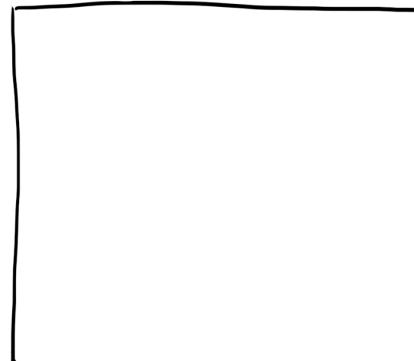
The invention solution!



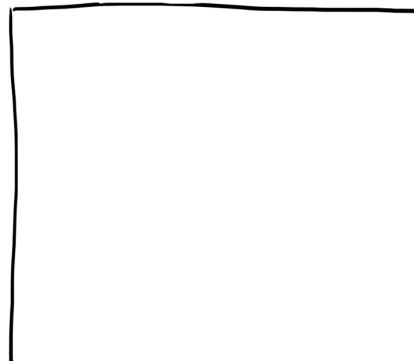
Using my invention!



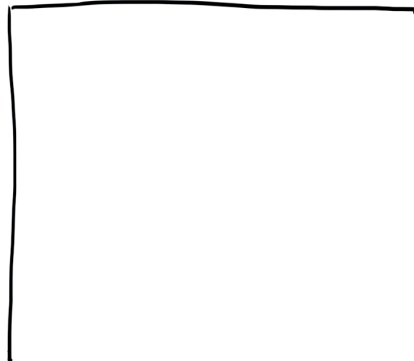
The Problem!



The invention solution!



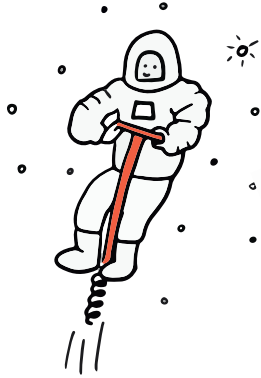
Using my invention!



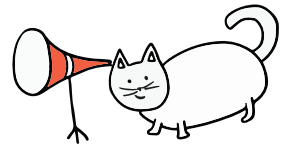
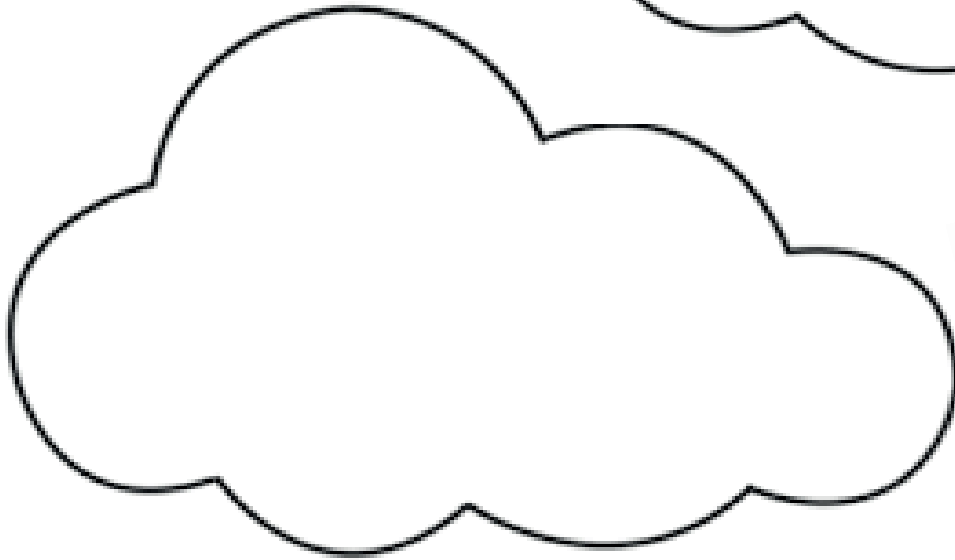
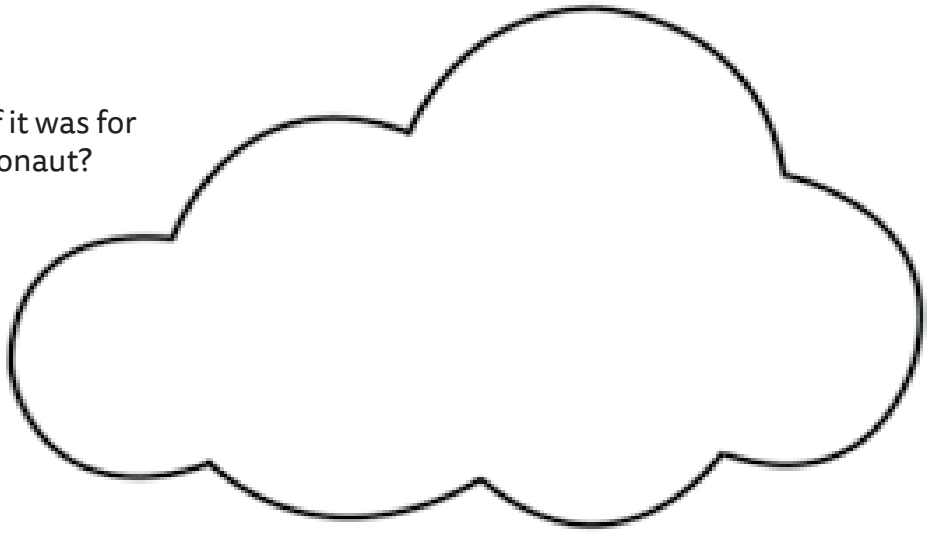
Swap it up

What if your invention was for....

How would you change your invention to make suitable for a different person or place?



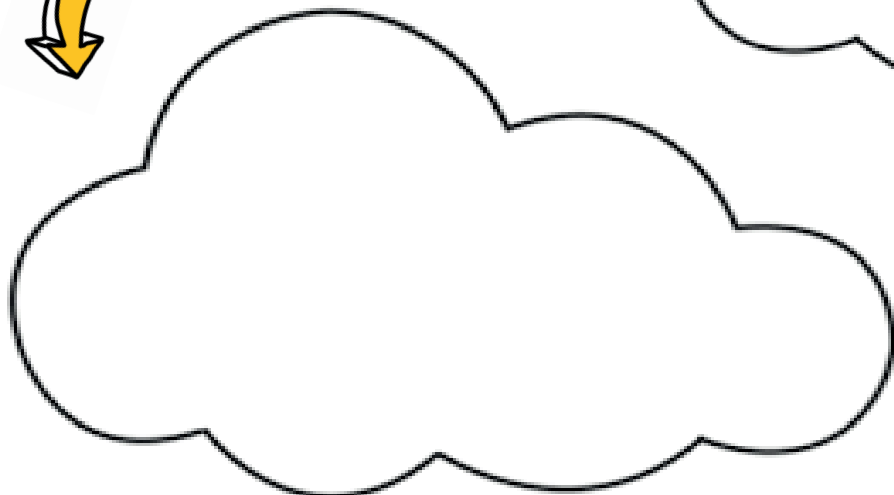
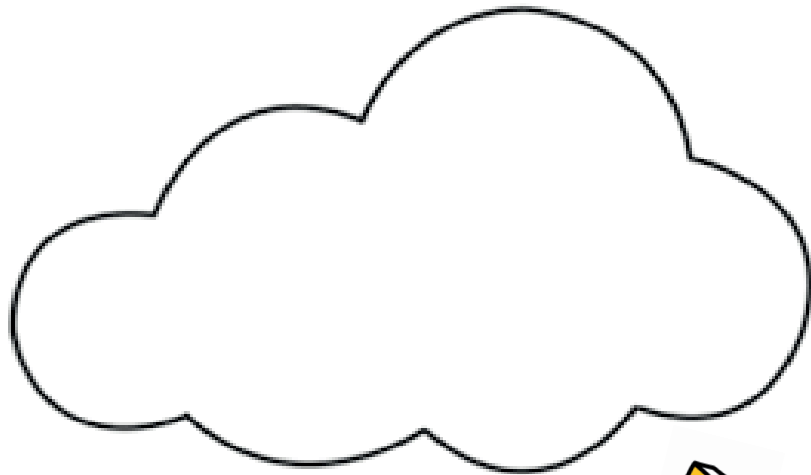
What if it was for
an astronaut?



Or a cat? (meow!)



For someone in a wheelchair?

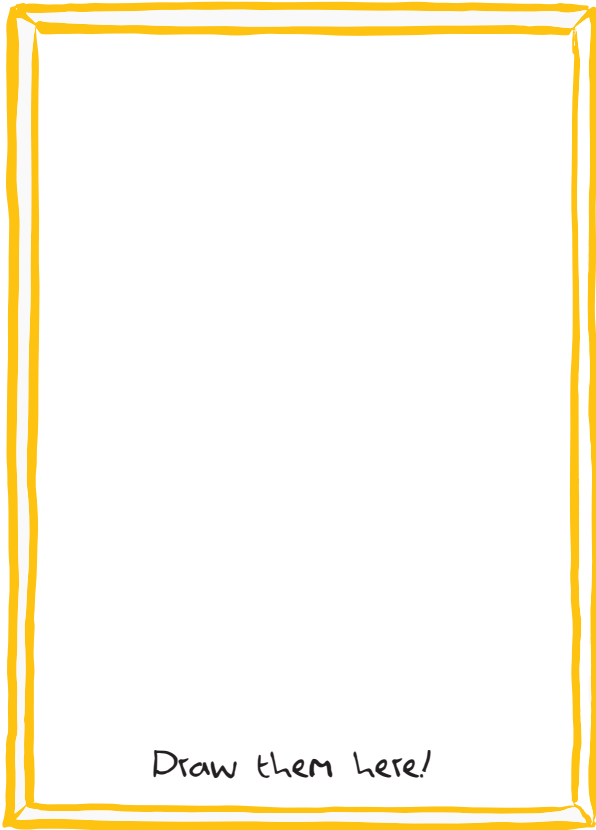


... you choose!



Character profiler

Think about the person (or thing!) that you would like to help!



Draw them here!

What are they called?

.....

How old are they?

.....

Where do they live?

.....

What do they like?

.....

.....

What do they not like?

.....

What are their hobbies?

.....

.....

What do they find difficult or boring?

.....

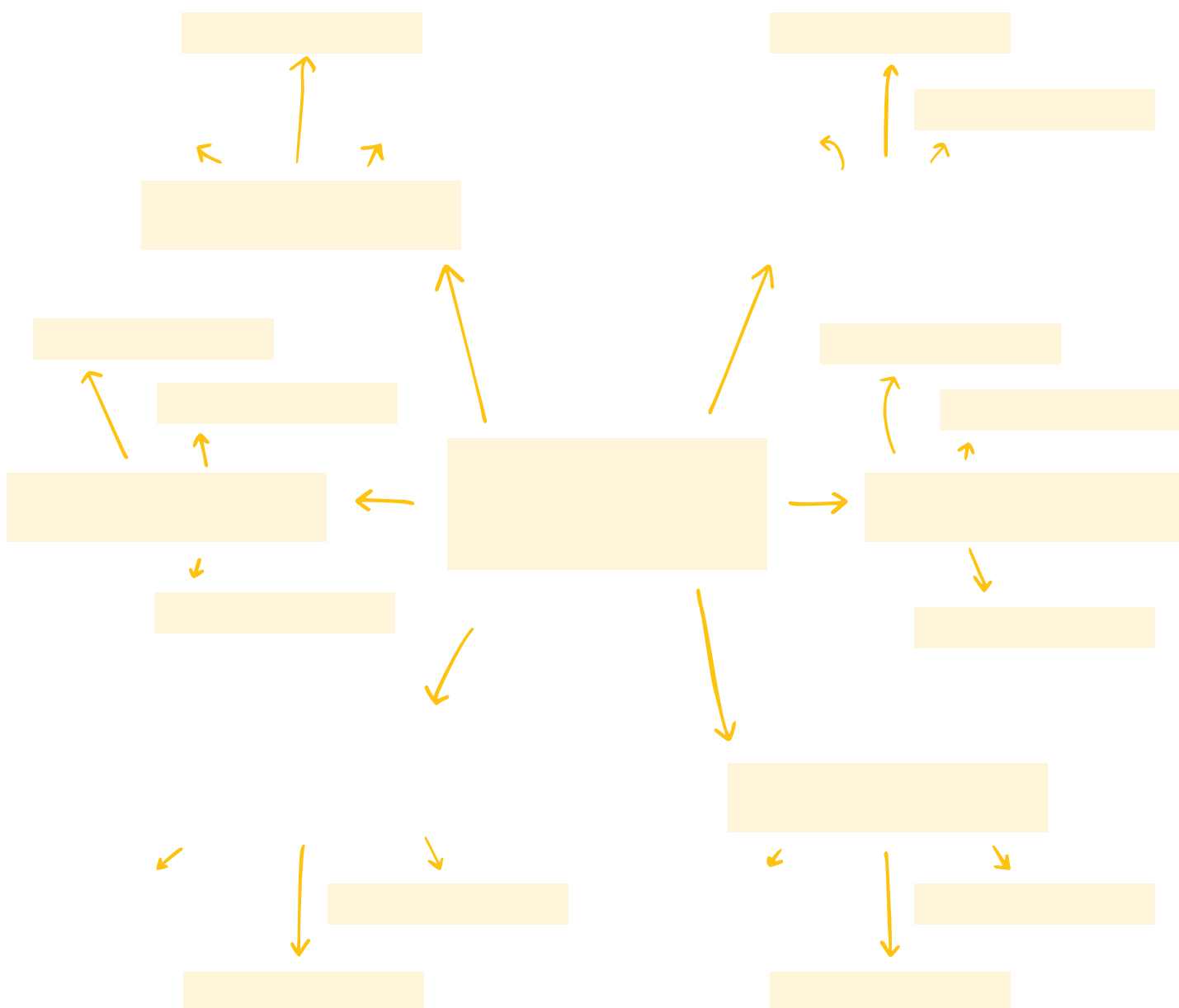
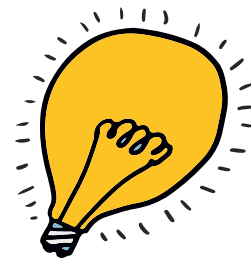
.....

How can you help them? It could be something useful or just something fun!
Write down your ideas.

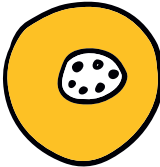
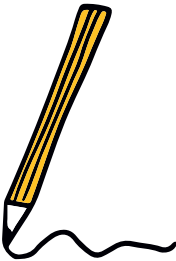


Your mind map

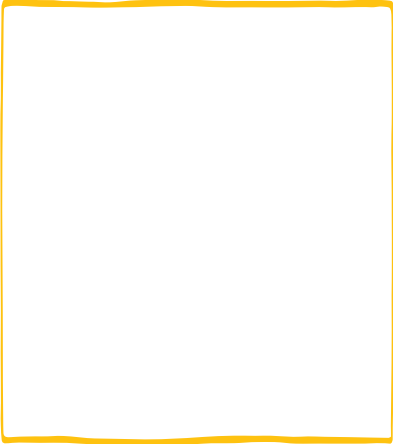
Starting from the box in centre of the page, write down your main topic or challenge, then let your mind wander and write down words that come to mind!
(for example: cat > claw > hook > fishing > boat > ocean = a fishing boat for cats?)



It's a doodle!



A mini doodle...



...a big doodle!

