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Go on a tour around school - can you find some opportunities to improve existing objects, equipment or experiences around your school?

Write your invention opportunities here.



Object Detective

Uncover as much information as possible about an everyday object you find on your tour around school.



Name it!

Who can it be used by?

What is it for?

What else could it be used for?

Name some objects that have nothing to do with it!

Time to get inventing! Unfold your handbook and start drawing some invention ideas on the back.



Here are some ideas to kick start your thinking!



BOLD - don't worry about what others think. Now is not the time to be shy!

OPPOSITES - put two things together that don't belong together.

NO! - say no to your inner critic. Forget about all of the rules and dos and don'ts.

KALEIDOSCOPE - look at things from different angles and mix it up!

EXTRA WACKY - imagine being a tree or even a slice of pizza - how would you see the world?

RANDOM - Pick a random word and see what your brain picks next to give you a new idea!

STRETCH - think about extremes. What if something was very big or very small, very long or very soft?

Bonkers combo challenge

What objects could you join together to invent something new? Connect the objects with a line you would combine.



Inventors Handbook



Your pocket

First challenge! Create and draw your inventor logo here. How about including your initials or things you like to make it personal?

I hereby agree to creating bonkersly brilliant inventions

Signed

Create a profile

Think up a person or character

What is their name and how old are they?

What do they do?

What are their hobbies?

What do they like and dislike?

What's the most surprising thing about them?



From Doodle to Invention

Create a mystery object, it could be any shape or size. Ask your friends to guess what it is. The most bonkers response wins!

Grab a larger piece of paper and sketch as many invention ideas as possible for your person or character.

Use the **character cards** in your pack if you need some inspiration or come up with your own.

Write your invention names here: