

# Lesson 4

## Invention Designing



Who might these belong to?  
What might they be used to create?





Draw what you think my machine might look like.

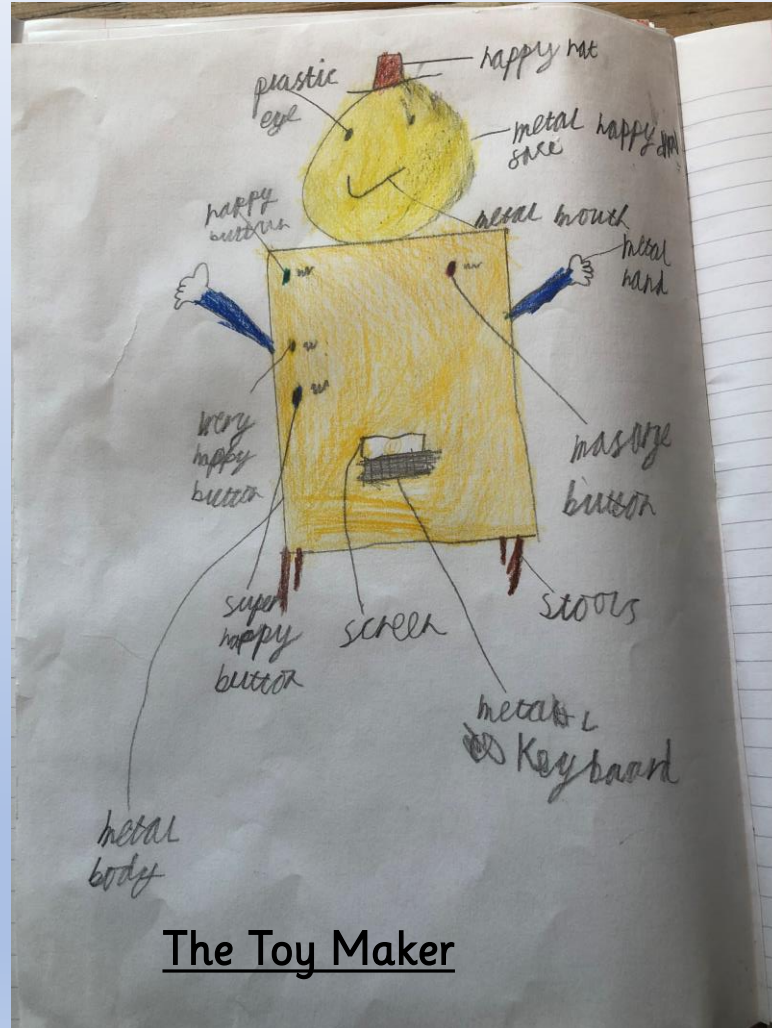
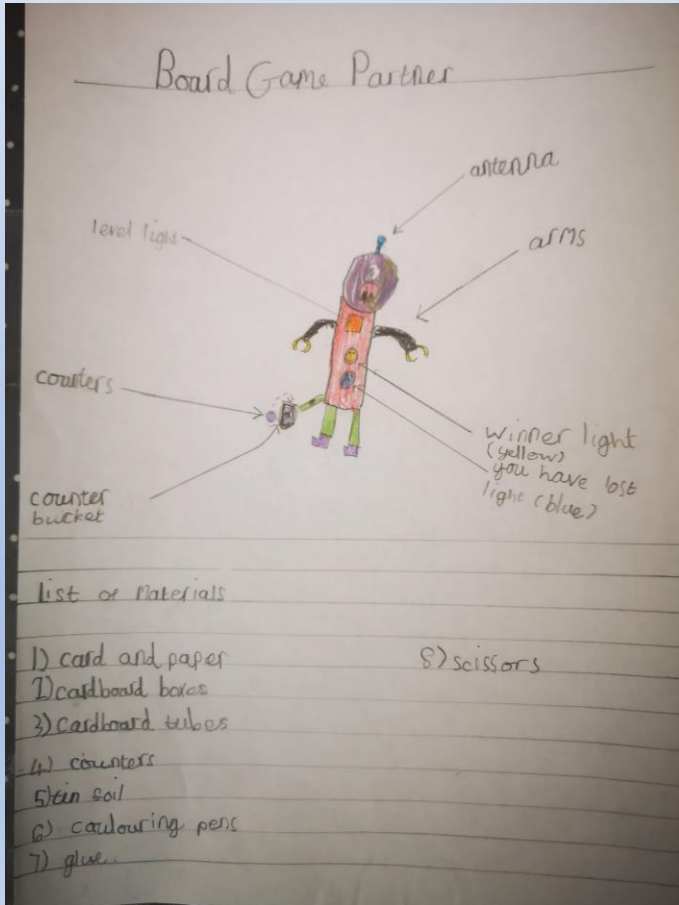
### The Fantastic Flying Machine

This magnificent machine will take you on amazing adventures and make you fly higher than the clouds. It has pedals, wings, a propeller, a ship's wheel and an engine. Let's find out exactly how this incredible invention works.

- To start the machine, press the ON button and this will spark the old, rusty motor into action. The Fantastic Flying Machine will need a lot of power so be sure to rev the engine.
- Carefully, release the sharp propeller under the seat. This is very important as it generates the wind power.
- Stretch out the wings by releasing them from their holders. The wings need to capture the air to lift the machine off the ground.
- The bright red safety belt must be used to strap yourself into the seat so you don't fall out. Also, make sure it stays away from the propeller because getting it tangled would make the machine lose power. You don't want to crash to the ground.
- The pedals are only used for take-off, so you'll need to pedal as fast as you can. Once you are off the ground the engine will take over.
- When the machine climbs higher and higher into the skies be sure to stay calm and steer sensibly using the ship's wheel.

Use this ground-breaking machine and you will be able to move places quicker than a jet plane. Enjoy taking in the breathtaking views from above whenever you like.

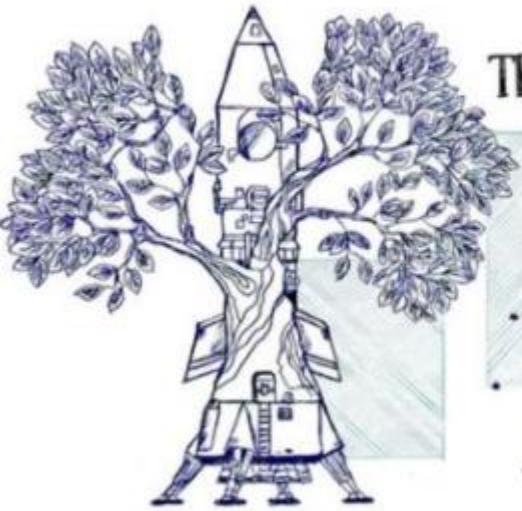
# Pupil made inventions...





# Other inventions...

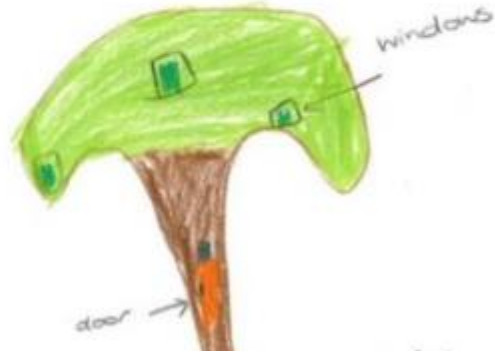




The Tree Rocket



Tree Rocket      typer 6  
so people can get from England to  
Australia in one second.



Dress-Me Machine



# Thinking time

What is your invention called?  
What does it do?  
What is it made from?





# Your task...

- Draw your invention.
- Create a name for your invention.
- Label the features.
- List the materials and equipment you will need.
- Explain to someone what your invention does.

# My Example...

## List of materials

Cardboard tubes  
Cardboard box  
Coloured paper  
Felt pens  
White paper  
Colouring pencils  
Glue  
Scissors

## Weather Machine

Weather dial turners

Pictures of different types of weather

Control button

Strengthometer

