

# English

Tuesday 23<sup>rd</sup> February 2021

Objective: To create a blueprint for my own cracking contraption.

## Success Criteria

1. I can create an illustration of my idea.
2. I can label my blueprint.
3. I can explain how my invention will work.

# Starter

- Watch some more cracking contraption videos to inspire your own idea.
- Search 'Wallace and Gromit cracking contraptions' on Youtube or follow these links:

<https://www.youtube.com/watch?v=2igRcGxlshA>

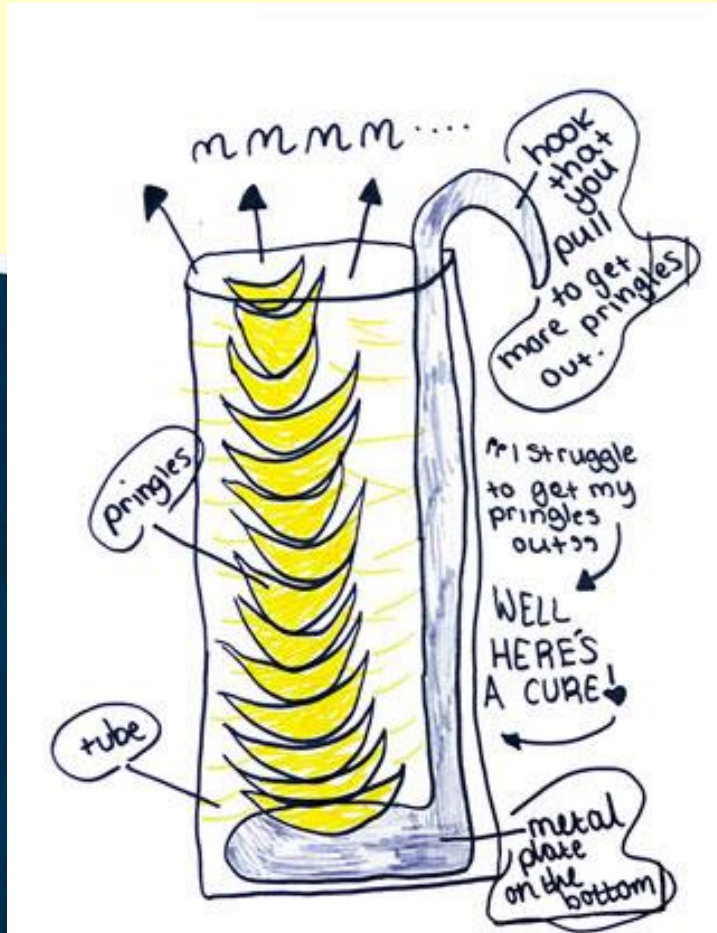
<https://www.youtube.com/watch?v=vGxRUglFFME>

<https://www.youtube.com/watch?v=3NgAsiEdCUo>

<https://www.youtube.com/watch?v=Xc5eqwzEgUo>

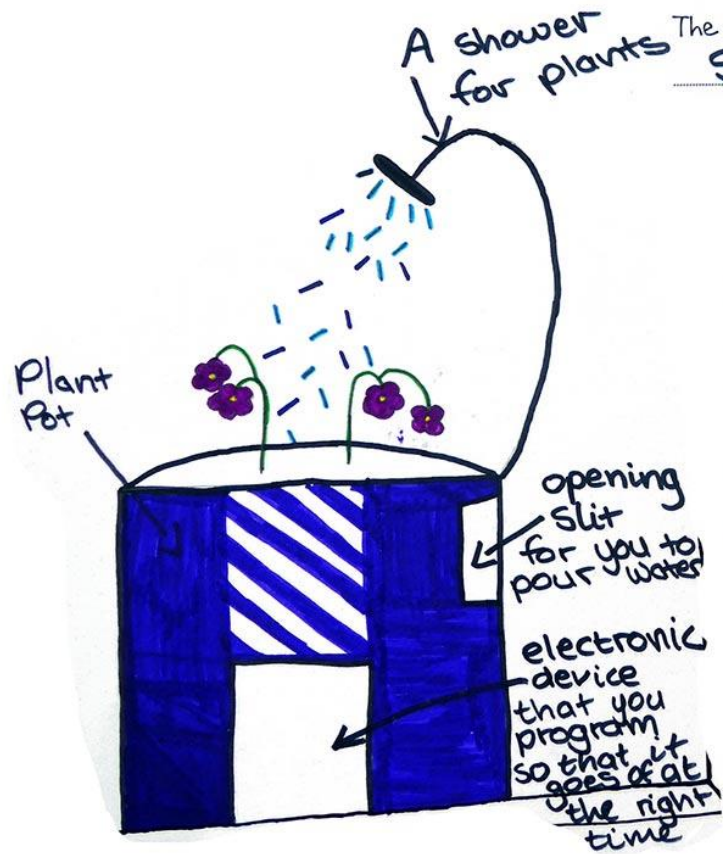
# What is a blueprint?

- A blueprint is a technical drawing which shows the plan of something, like a building or invention.
- The blueprint is the design which can then be made into the invention, like in Wallace and Gromit.
- Look at these examples...





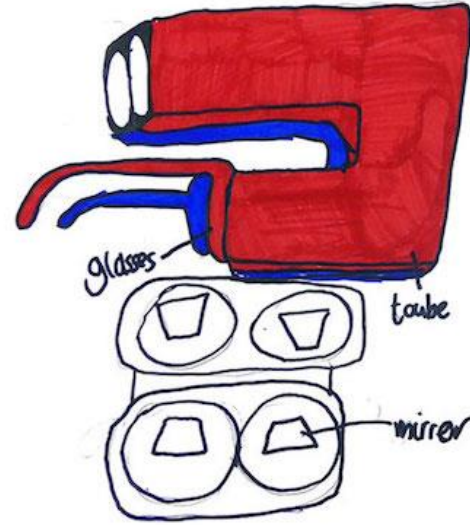
An invention by: Kaja Jach  
Age: 10 Date: 5/11/15  
The name of my invention is: SelfWater Plant Pot  
S.W.P.P



This invention is for everyone. This invention is a selfwatering plant pot which you programme so it sets off at the right time. It will make life easier so people dont kill their plants. It has a electronic device which will water your plant.

**INVENTORS!**

An invention by: Alex Luke Dickens  
Age: 11 Date: 6.11.15  
The name of my invention is: The backwoods glasses



If you put the glasses on you can see behind you.

**INVENTORS!**



# Your task

Your job is to design your own cracking contraption!

Remember, you're trying to solve a problem in a way Wallace might!

Don't forget, Wallace needs to be able to understand your drawing so he can make your machine!

It needs to be: neat, tidy, clear and well drawn.

You must be able to explain how it works to someone.

Extra challenge: You can add labels, colour and explanations to your blueprint.

# Plenary

Show your design to someone at home and explain to them exactly how it works.

Can they give you any tips or suggestions?