

Monday 18<sup>th</sup> January 2021

<u>Learning Objective</u>	
To design your own pencil case, including a gadget.	
<u>Success Criteria</u>	<u>Self-Assessment</u>
<ul style="list-style-type: none"><li>• To list the materials you would need to create your product.</li></ul>	
<ul style="list-style-type: none"><li>• To use measurements to be specific about the size of your product in centimetres.</li></ul>	
<ul style="list-style-type: none"><li>• To create a 3D design, drawing the front, back and sides.</li></ul>	

I would like you to design a pencil case which could be used in a school, but with a twist. I would like you to think of a cool gadget you would like your pencil case to have, which you think could be useful for people of your age. It could be something hidden and secret, it could be something like a calculator, it could be something which could dispense your favourite drink or food.

I would like you to be able to draw your design, showing what it would look like from the front, back and the sides. I would also like you to be able to think about what your product would measure, as if you were submitting designs for a factory you would need to give very specific measurements for your product to be created. If you do not have access to a ruler at home, we can say that the average length of a pencil is around 30cm, and make your product design based around that measurement.

You need to list what products you will use, and why. You may need waterproof material, or a wipeable surface so that you could use it to jot down notes and wipe them off when you are finished.

You could also consider recyclable materials to be more environmentally friendly!

My pencil case design

My pencil case is unique because \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I will use these materials to create my product:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

The front of my product



The back of my product



The sides of my product

