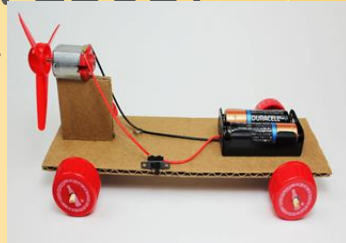# Evaluating your design and product

Let us recap what we've done so far

You were asked to design a circuit for a product. These are some of the things you had to think about about while designing your circuit and product

-What is your product and what will it be used for?

-What kind of circuit will you use? Draw a plan of your circuit!

-What materials and components will you need for your product? Think about which materials are conductors and which are insulators!

- Who is your product for (your target market)?

Once you had done that, you had to sell your product

This could have been done in different ways. Here are some ideas you were given:

-You can video yourself giving a presentation

-You can write out a short speech

- You can create a Powerpoint telling us all about your wonderful product

You had make sure you used persuasive language to sell your product

This week you'll be evaluating your design and product

What does it mean to evaluate your work?

When we evaluate something, it means we are looking at what went well and what didn't go so well.

We look at different criteria such as:
- appearance
- design
- material/components used
- purpose

We then decide what was good about that specific criterion and what we could improve about it. You need to be honest about what works and what could be improved.

Overall design of product

- Do you have an effective product?
- Does it do what it's supposed to?
- Does it work? Is it easy to use?
- Is it a safe product?
- Would you change the shape or size?
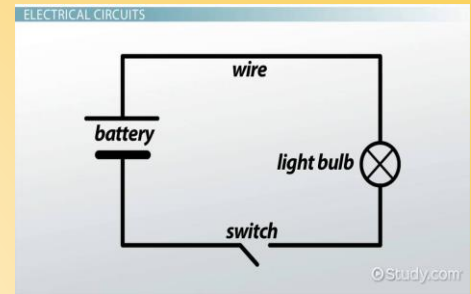- Is it durable (last a long time)?

Sentence starters:

I believe overall my design is…

I could improve the…

What worked well….

I would change the…

Circuit

- What kind of circuit did you use?
- Was it the correct circuit to use for your product?
- Would you change the circuit you used?
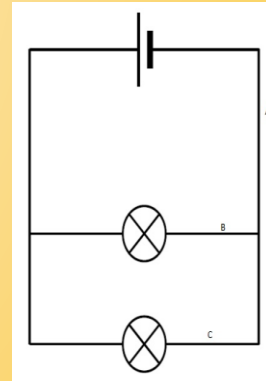- Would you have added anything else to your circuit? (added more wires, light bulbs, switches, buzzers…)

Sentence starters:
I think I used the correct/incorrect circuit because…
I would keep…
I would change…
I would add…

Appearance

- Does your product look good overall?
- Is it attractive or to your target market?
- Does it look exciting, appealing and colourful?

Sentence starters:
My product looks attractive because….
My product is appealing to my target market because…
I could change the appearance of my product by…
I could add…

Materials/components of circuit and product

- Would you change any of the components in your circuit? Add/remove any insulators or conductors?
- What about the actual materials used to make your product? Are they suitable for the product's purpose?
- Do the materials allow you to clean your product easily?
- Are the materials durable?

Sentence starters:
I would change…
My product is very durable because I used…
My product is not durable so I will change…
I will keep the materials the same because…

Purpose

For this section, you might want to ask a few members of your family what they think of your circuit and product design.
- Do they like or dislike the product?
- What is it that they like or dislike?
- Do they think the product does what it is supposed to do?
- What could you do to make them like the product more?

Sentence starters:
People liked that my product…
They thought that I should…
People didn't like my product because…
They would like it more if I…

Remember, these sentence starters are just ideas. You don't have to use all of them and you can use your own. But you must **make sure you write in full sentences and explain why you would change or add something.**

Top Tip:
Use the Product Evaluation table.

Don't forget to upload your work to Google Classroom or send it to us.