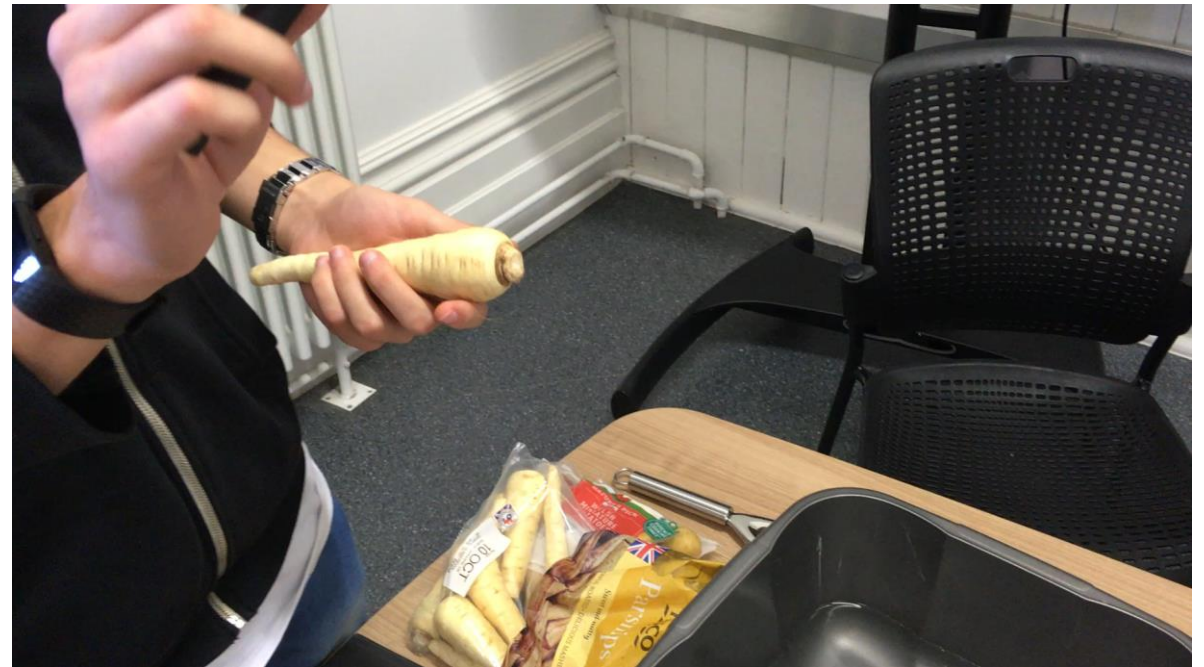


Peeler research



Initial testing





Type 1 peeler research

Looking into fixed and swivel blades and determining which is better. The outcome would design what peeler would be THE type 1 peeler that I would be basing my redesign on.



3 Type 1's

As I have undergone my research for this project, I have noticed that there are generally 3 variants to the type 1 peeler.

Fixed Blade



Swivel bar Blade



Integrated Swivel blade



3 Type 1's

- Each of these peelers performs differently to each other, making for different results. However, there is one aspect that makes the use of the peelers very different.
- The blades of two of the peelers swivel, whilst one is fixed to the handle.
- Through some testing I noticed that the fixed blade peeler was much harder to use and didn't peel the potatoes as well as the ones that swivel.
- The swivel blade peelers provided a much better peel and were much easier to use.

The Type 1

For the focus group testing, I have decided to base the type 1 testing with the standard all metal design peeler.



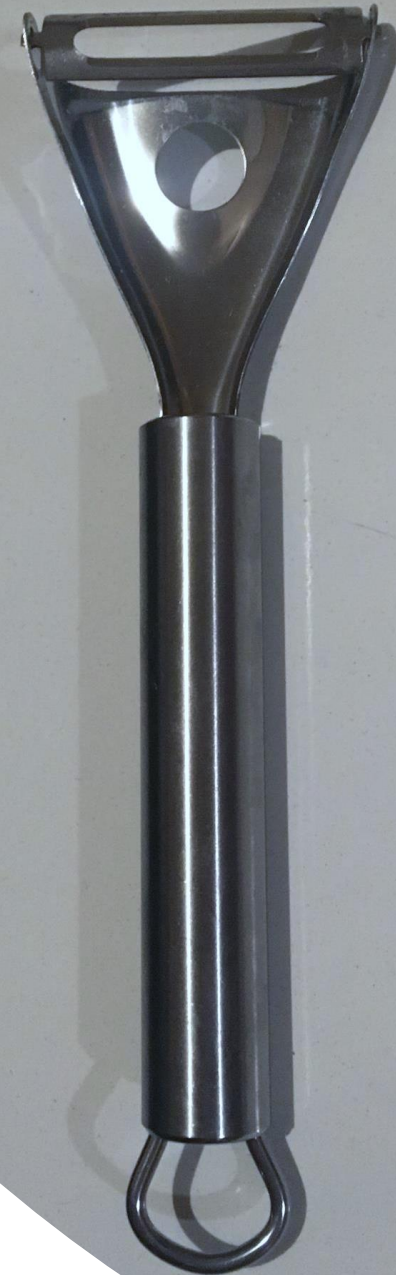
Type 2

- To try and find out if type 2 peelers have the same problem I did some online market research.
- I found no type 2 peeler that has a fixed blade.
- Therefore, I have not conducted the same test with different type 2 peelers
- The blades are typically slotted between the side the handle, which allows the blade to have same movement.



The Type 2 peeler

For the focus group testing, I have decided to base the type 2 testing with an all metal design peeler from Tesco.

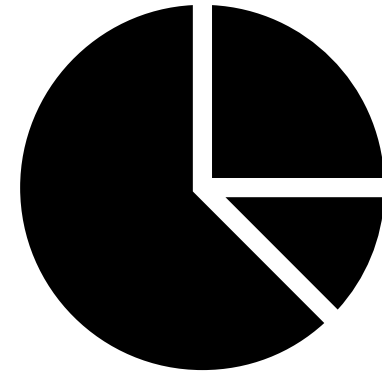


What I will be looking at?

- Ease of use – how easy or difficult the peeler is to use with a potato
- Effectiveness – how quick it is to peel
- Waste – how much potato is actually peeled off with the skin.
- Materials – comparing the material choices from each peeler
- Design form – comparing which peeler is most aesthetically pleasing
- Design function – comparing which peeler is best at its intended use

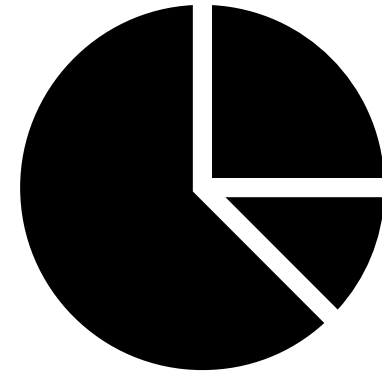
Questions to ask about peelers

- Did you like the look of the type 1/2 peeler?
- How did it feel?
- Was it comfortable to use?
- Was it easy to use?
- How well did it peel the potato?
- What type of peeler do you use most at home?



Questions to ask about peelers

- How satisfied overall were you with the peeler?
- Would you buy and use this product?
- What do you look for in a peeler
- how long did it take to peel?
- How effective was it?
- Did you like the choice of materials?





Type 1



Redesigns

Type 2

The Testing

Testing the redesigns to determine if they would perform better than the originals.



Summary of Results

