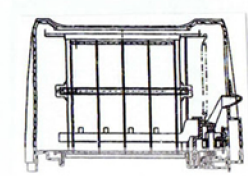
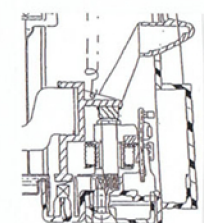




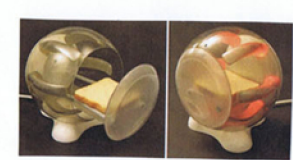
This toaster is efficient as it can cook numerous amounts of toast at a time and you don't have to cook them all at once which can be useful. It is a different design but it is effective. It is simple to use and is multifunctional. It could fit different types and sizes of toast at a time. It wouldn't take up much room on the bench. The shape of the design is interesting but is quite strange looking.



This is a simple square toaster with the normal pop up design. The colour and curved like design of the toaster makes it look quite modern and good for people who want a normal but interesting looking toaster. This toaster is good because it is multifunctional because the bit you put the toast in is joined so you can fit different (e.g. larger) types of toast in if needed. It would take up more space on the bench than the other design ideas but still not much space.

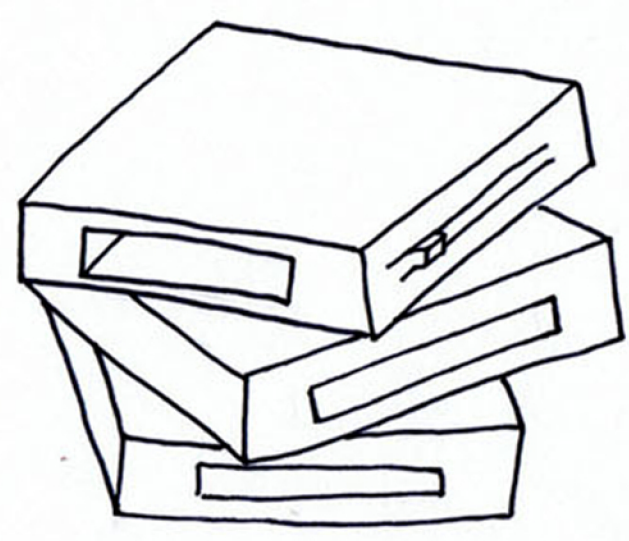


This toaster is quite chunky looking and simple. But would work well and be easy for the user. It would be multifunctional because it could fit different types of toast and sizes. The rounded shape of the design makes it look more interesting but the colour of the toaster is plain and boring. The toaster would be quite efficient as it can fit more than one piece of toast in at once and wouldn't take up too much room on the bench.



This is quite a different idea in cooking toast. You pull open the side of the toaster and put the toast in to cook it. It is an effective design. It wouldn't be very efficient because only one piece could be cooked at a time but you would be able to see into the toaster so you could check that your toast isn't burning which would be useful for the user. The design is interesting and effective. The modern type toaster might not take much power to run and wouldn't take much room on the bench for the user. It has good simplicity of use and design.

# Design Development #1



I chose to develop this idea further because there are a lot of possible changes that could be made and it is a different idea which could fit well in the modern kitchen.

Materials:

Plastic-



Metal-



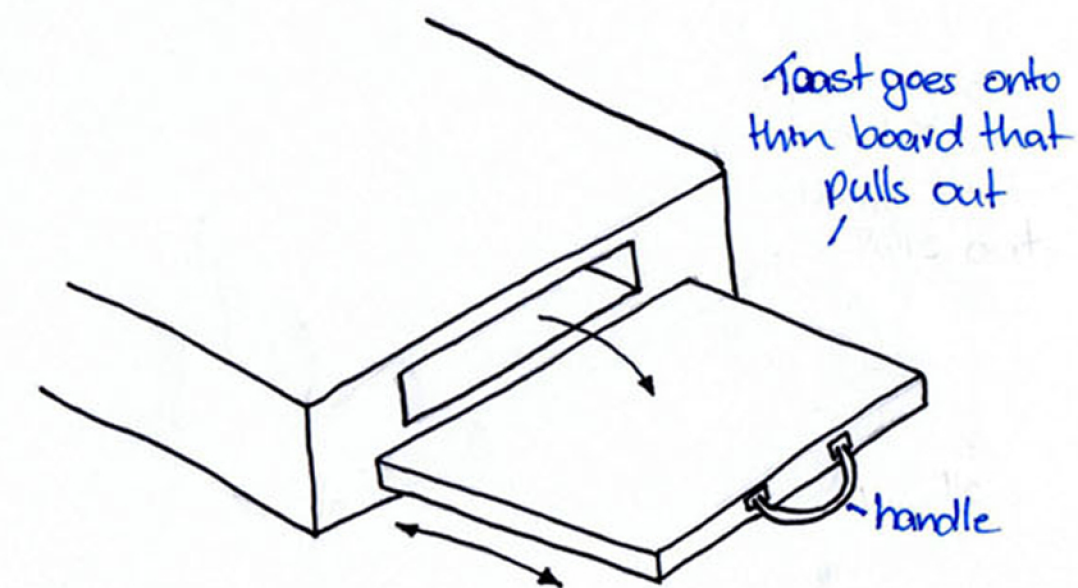
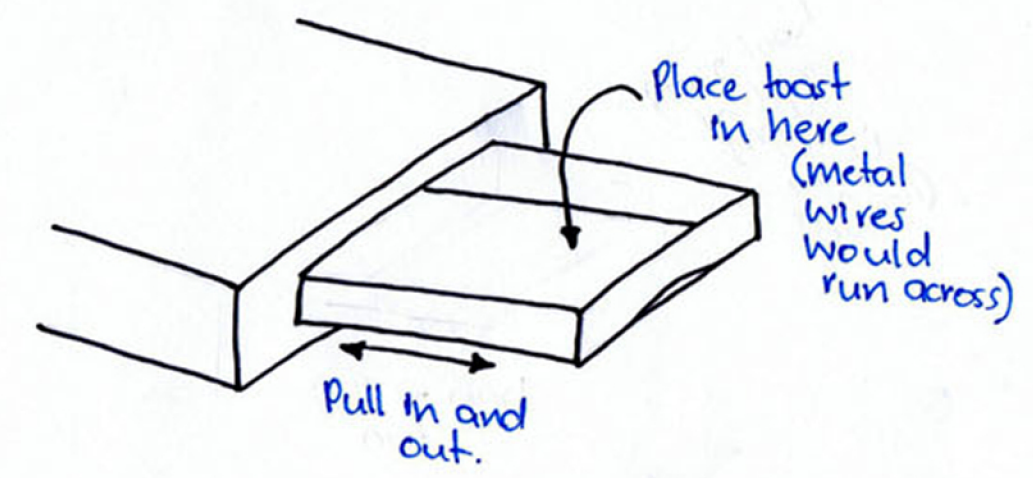
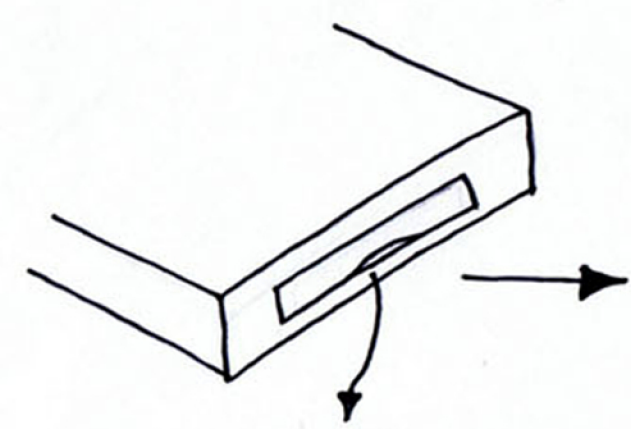
- More easily moldable, than metal. It could also be more safe than metal as it doesn't conduct electricity as well as metal does.

- Metal has greater structural strength than plastic does. It is also more durable so can hold up for a longer length of time.

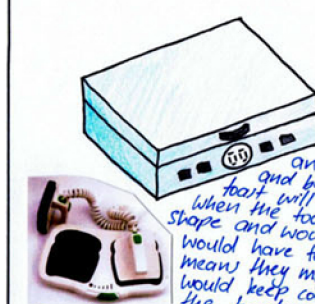
3

- For the materials of my toaster I have decided because of the reasons above to have a metal structure on the inside with a plastic overlay.

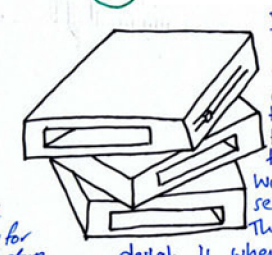
If I have an open slot with a normal slots that would pop out and possible that it would fall out of the toaster and land onto the floor. So it would need a tray that it could go onto or have it in a draw that pops out and the user could pull out and put the toast onto.



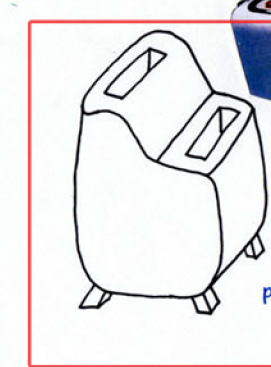
## Initial Ideas



Put toast inside to cook by using the lid to open, will have heating elements inside on the top and bottom and will have a timer and a lever to the length of time the toast will cook and let the user know when the toast is ready. It has a very plain shape and wouldn't be very user friendly as they would have to open the lid themselves which means they might not hear the buzzer so the toast stays cooking unless there would be a way for the toaster's lid to pop up when the toast is done or something to put on top of the toaster to cook it instead of the usual pop up toaster.



I decided to use the idea of a rubber cube and have three sections with three different slots to put the toast in. They would be able to cook the three pieces of toast at different times and would be able to twist each section to their desired position. The only problem with this design is when the toast is ready and pops up it would pop up and out onto the floor. I believe this toaster would fit well into the modern kitchen.



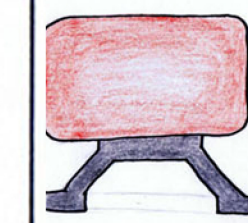
I got my inspiration of the general shape of my design from this toaster on the left. But I decided to add a second part to it so it could possibly hold two different sizes of toast to go into it. It would be a simple pop up toaster with a lever on the right hand side which is pushed down to cook the toast.

1

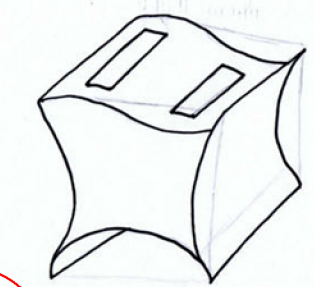


I got my inspiration from this toaster to the left with how you can cook each separate piece of toast. In my design it is connected by a hinge to the three different parts so they fold in together. The problem with this is how the pieces would run through each three parts. It would be a simple pop up toaster for each separate part. This design would fit well with the modern kitchen.

## Initial Ideas #2

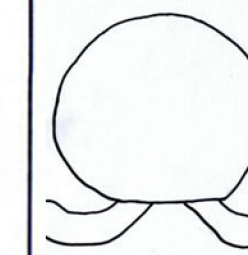


This design is simple and is a usual pop up toaster. It would be made out of plastic material and would fit three pieces of toast in. This design has no different parts to it than a normal toaster which could be changed. It might not work well in the modern kitchen.

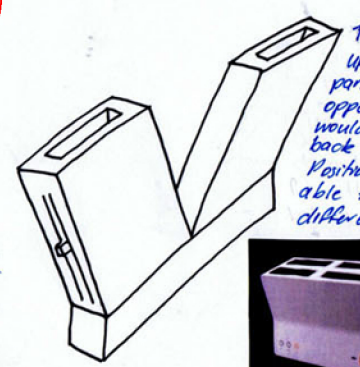


This design has a different shape to it which makes it look more interesting. But because of its shape it might not fit different sized toast. It would be made from metal and would be a simple pop up toaster.

2



I got my inspiration from this toaster from the image to the left. With the circular shape and the pull out door. If I were to develop the design more I would change the legs to make them fit the circular design better.



This design is a simple pop up toaster but has two parts that are angled in two opposite directions. The user would be able to bend them back and forth to alter their position. The user would be able to cook the pieces at different times. I got my inspiration from the image to the left. Whole the toaster is angled to make it look bent so it's more interesting.