

Product Analysis

When starting to design and make products, analysing (looking at) existing products can be very helpful. We can look at the strengths and weaknesses of these products, and see if there are any features that might inspire our own designs. When analysing a product we can use the acronym (letters that make up a word) ACCESS FM to help cover the key analysis points, the meanings of each letter are below:

A	Aesthetics - what the product looks like - colour, shape, texture, style, and finish?	
C	Cost - how much does the product cost to buy or make, is it good value?	
C	Customer - Who are you going to design for, who is your Primary Stakeholder ?	
E	Environment - How can you ensure your product is sustainable/good for the environment - 6Rs - Reuse, Reduce, Repair, Recycle, Rethink, Refuse?	
S	Size - How big or small does the product need to be? Where does it need to fit/where will it be placed?	
S	Safety - What things could be done to ensure the product is safe? Are there risks?	
F	Function - What is the products job? How does it work? Could it be improved?	
M	Material - What is the product made from? Would a different material be better? How is the product made?	

What does that tool look like? Draw or name for D&T homework

<p>Tenon saw</p> 	<p>Wooden mallet</p> 	<p>Chisel</p> 
<p>Bench Hook</p> 	<p>Coping saw</p> 	<p>Tri square</p> 
<p>Marking Gauge</p> 	<p>Flat file</p> 	<p>Half round file</p> 
<p>Gentleman saw</p> 	<p>Smoothing plane</p> 	<p>Scroll saw</p> 
<p>Hand drill</p> 	<p>Combination pliers</p> 	<p>Screwdriver</p> 

