

Design and Technology - Year 7 Task

Situation:

Designers are always looking at ways of improving existing products such as mobile phones.

Design Brief:

Your task is to design the 'mobile smartphone of the future'. It should include design features and technologies that have not been used in phones before, or even invented yet!

Everyone should be able to complete tasks 1-3. Why not impress us by also completing tasks 4 and 5?!

Tasks:

- 1) Create a **spider chart** of ideas of what the people of the future might want from a mobile phone. How could **current designs** be improved?
- 2) Write down a set of **four** design criteria for the mobile phone.
E.g. the mobile phone should
Think about how it will **look**, how it would **work** and what **materials and components** it might use.
- 3) Sketch **two ideas** for the phone. **Label** your ideas to show the **main parts** of each design. Select your **favourite design** and write down **why** you have chosen it.
- 4) Create a detailed, neat and fully coloured **presentation drawing** of your favourite design. Your drawing should include **sizes and dimensions** of the product and **notes** explaining **how it would work**.
- 5) **Evaluate** how well your final design meets your **design criteria** written in task 2. You could also **swap with a partner** to evaluate their designs.