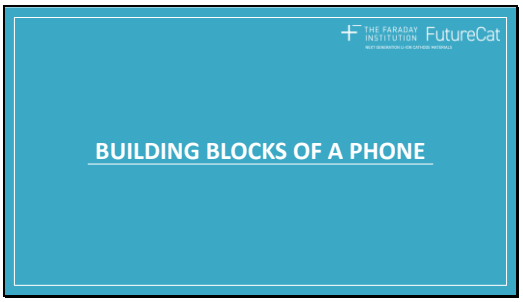
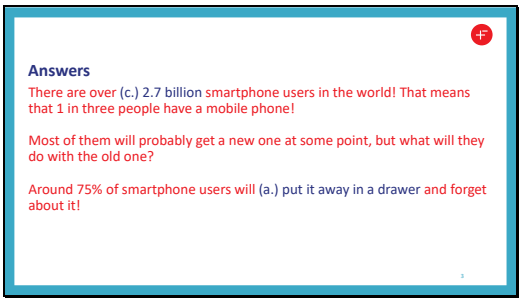
Slide 1

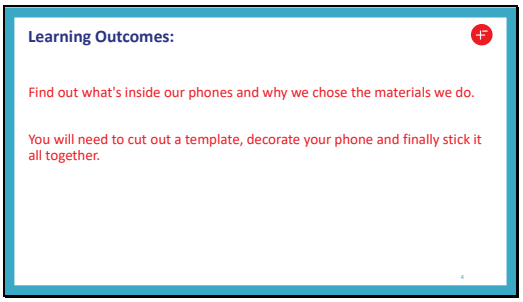


Slide 2

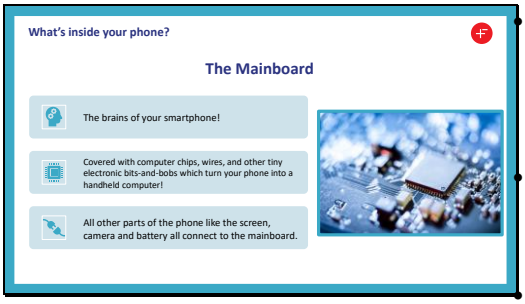
Slide 3



Slide 4



Slide 5

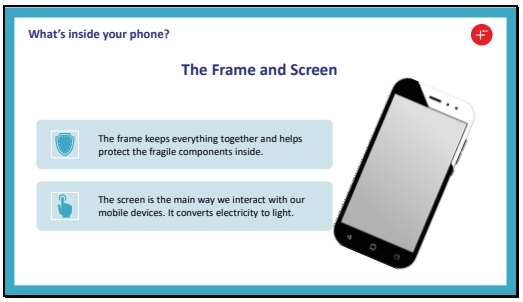


- The mainboard is the brains of your smartphone, without it the phone is nothing more than a paper weight.
- It is covered with tiny computer chips as well as lots of connectors and wires.
- It controls all other functions of the phone sending out instructions to everything including the screen, camera and speakers.

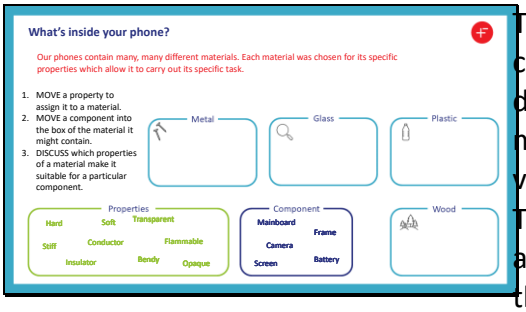
Slide 6

- Without a battery your phone would have to be plugged into the wall at all times… not ideal.
- Batteries store chemical energy when they are charged and release it as electrical energy to power the phones and any other electronics.
- The function of the camera is pretty self explanatory but isn't it amazing how we can fit it inside a mobile phone that we carry around in our pocket?

Slide 7

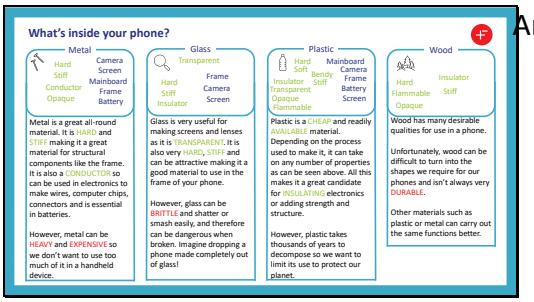


Slide 8



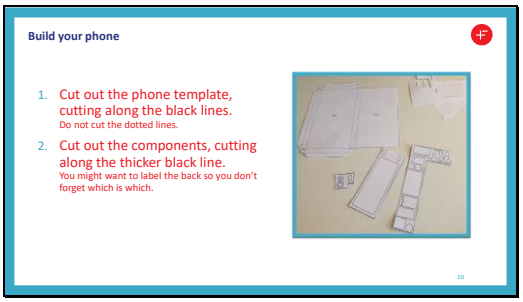
There are multiple of each component and property that can be drag-and-dropped into the desired material box. (only works when viewed as Powerpoint)
This slide can be set as a homework activity to consolidate materials and their properties.

Slide 9

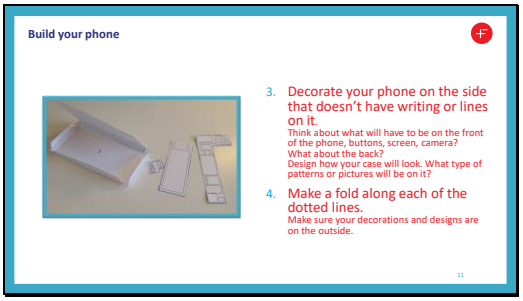


Answer sheet

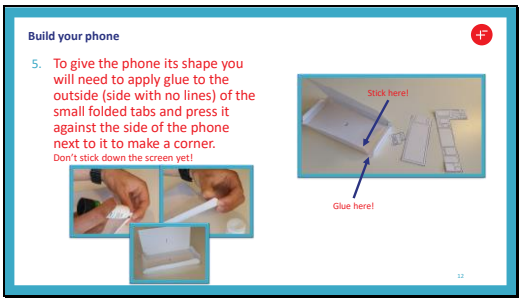
Slide 10



Slide 11



Slide 12



Slide 13

Build your phone

6. Complete your phone by placing all the components inside.
   How do you think they should be arranged?
   Do you think it matters?