



From webpage: <https://discovermaterials.co.uk/resource/students-materials-in-a-mobile-phone/>

This video could be used to start a discussion about

- Light as a wave, polarisation and optical light microscopy
- Primary colours of light
- Crystal properties (liquid crystals)
- Capacitance and sensing touch
- Uses of electromagnets
- Sustainability, recycling and future circular economies



### Curriculum Links

Curriculum links to follow soon...

### Using the resource at home

This video could be used to start a discussion about:

- How many devices in our homes use colour displays.
- Discuss career opportunities in materials development and device design
- Discussion about why you need a new phone and how often you need to replace them (and why)?
- Discussion about parents' old mobile phones and their functionality

### Any questions or suggestions?

We would love to know how you use this resource so please do not hesitate to get in touch at [info@discovermaterials.co.uk](mailto:info@discovermaterials.co.uk)

