

# YEAR 7

## Independent learning to be completed during school closure

### DT

During a two week period you would ordinarily have:

2-3 DT lessons

#### Lesson 1 – RESEARCH

1. Research the following topic: **Lighting**
2. Watch this video on BBC Bitesize about modern approach to designing department stores:  
<https://www.bbc.co.uk/bitesize/clips/zpbxpv4>
3. Do your own research on the internet looking at the design of lamps. You could choose to research different functions/types of lamps or lamps for different users/age groups?
4. If you have access to Power-point create a presentation of what you have discovered. If you don't, try making notes and diagrams of your research on a sheet of A4 paper.

#### Lesson 2 & 3 – Design

Thinking about the research you have been doing, produce an A4 page showing your design for your own lamp. This could be aimed at anyone or for any activity!

Remember your designs should include the following:

- Explain what your lamp does, Does it move, can you adjust the brightness ?
- Try and draw your design in both 2D and 3D Isometric
- Add colour to enhance your design
- Label all of the main features
- Use Thick & Thin line enhancement
- Think about what type of technology your lamp could use? Voice activated? Controlled via an app?

When you have finished send your work to me either by attaching the file to an email or taking a photo of your design and emailing that.

Mr Johnson, DT Teacher – Create

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