



## Tinkercad Engagement

This resource was developed as part of a webinar which took place on the 07/05/2020. All materials used during this workshop can be viewed in the Technologies section of [www.jct.ie](http://www.jct.ie) within the CPD Workshops tile.

Website Link: [http://www.jct.ie/technologies/cpd\\_supports\\_graphics\\_elective\\_workshops](http://www.jct.ie/technologies/cpd_supports_graphics_elective_workshops)

During this webinar remote learning in the Graphics classroom was explored with a focus on engaging students with the core skills of Junior Cycle Graphics. This sample resource was used as part of the webinar for teachers to explore Tinkercad through the lens of a student's activity.

### What is included in this PDF?

#### 1. Sample student activity

Included is the sample student activity developed by the JCT4 Graphics team. This resource was engaged with on the night to explore the integrated approach when working with a CAD package.



A big thank you to the teachers who attended and engaged during the webinar.

**Note:** It is recommended that you watch the webinar conjunction with using this resource to contextualise the resource and develop a better understanding of how the unit of learning was developed.

# Modelling objects in CAD

Choose an everyday object:

- Sketch the object in the space provided below. *(Include basic measurements)*
- Deconstruct the object into the 3D solids which make it up. *(Use the guide objects shown to help)*
- Describe, as best you can, the steps you will carry out in order to model the object on CAD.

**Note:** Pay attention to the proportion of image when sketching and modelling.

