**Student worksheet**

**3D printing materials**

1. From the video can you summarise the main differences between ABS and PLA?

1. In the box below, sketch the lifecycle of a plastic object from oil extraction to disposal. This could be in the form of notes and sketches or a flow chart.

https://support.3dverkstan.se/article/30-getting-better-prints

1. Do we have enough landmass to provide enough corn to meet our plastic needs? Discuss.
2. If you could go back in time would you stop the discovery of oil-based plastics?

**Plenary – What have you learnt today?**

**What does PLA stand for?**

**Is it better to use PLA or ABS that has been recycled?**