

Plastics for every body

Teacher's summary sheet



This activity helps to inform how plastics can keep us safe, able and alive by giving us protection, helping our bodies when we might otherwise struggle and performing life-saving functions.

Drawing by Martin Brown, illustrator for Horrible Histories.

The digital resources for this project comprise:

- **Summary sheet for teachers** (pdf)
- **Introduction to 'Plastics for every body'** (video)
 - also available on YouTube: <https://youtu.be/NCHBhjz753w>
- **Virtual Museum Exhibition 'Being me: plastics and the body'** (video)
 - also available on YouTube: <https://youtu.be/Xpq29kphujs>
- Online access to the full exhibition
<https://www.modip.ac.uk/exhibitions/being-me-plastics-and-body>
- **Instructions for creative design activities** (pdf)
- **Two creative design activities (can be printed out on A3 or A4)** (pdf)
- **Plastics ID sheet** (pdf)
- 'About Plastics' presentation this is an extra resource offering more information. (pdf)
- Online access to the full MoDiP collections <https://www.modip.ac.uk/collections>

Resources have been developed in formats that can be adaptable:

- accessed virtually by children at home (working from the screen and/or printing some resources out),
- accessed virtually by children in school (working from the screen and/or printing some resources out),
- printed out by teachers and hard copies distributed to children (without access to technology)

It can also be delivered by teachers to classes - either remotely or in school.

INTRODUCTION TO THE PROJECT

This features colourful images and upbeat audio (non-audio version also available) introducing children to the project and the engaging artist-drawn characters Mo and Superduper.

VIRTUAL MUSEUM EXHIBITION

This features images and audio (non-audio version also available) highlighting bright, eye-catching, interesting and even funny objects from the 'Being me: plastics and the body' exhibition, demonstrating how plastics can keep us safe, able and alive. It also features 'Breaktime!' – 3 quick and easy practical things to do (involving moving, throwing and drawing) to serve as mini breaks during the presentation.

CREATIVE DESIGN ACTIVITY - 1

This activity explores how plastics can help keep children safe as they ride their scooters to school. It informs children that protective gear can be made from different types of plastics which have different properties - all of which can help prevent high-impact injuries.



This drawing by Martin Brown (the artist from Horrible Histories) shows Mo the MoDiP girl, wearing a helmet and knee pads and will inspire children to design more scooter gear for Mo.

CREATIVE DESIGN ACTIVITY - 2

This illustration by artist Jake Rowlinson, is of a super-hero comic style character called 'Superduper' who has prosthetic running blades that give him super-powers. This showcases how plastics (carbon fibre) can enhance performance and will inspire children to design their own super-hero prosthetics.

