



DESIGN, BUILD AND RACE AN ELECTRIC (LEGO) CAR WORKSHOP

Can be adapted for P1-7

45 min (approx)

Group work

In this guided session your pupils will have the opportunity to explore different examples of electric vehicles that make up our “Cars, COP26 and The Climate Crisis” exhibition. This will help your students to determine what makes a fast, reliable and successful electric car. You will even have a chance to look at our Dundee Museum of Transport Electric Car Top Trumps to help make comparisons. We will then head to the Playbus where you will have the chance to design, build and race a Lego electric car in groups to see who wins and why?

Learning Outcomes:

Your pupils will:

- Consider how the design of electric vehicles has changed over time through observation and discussion
- Make comparisons between different electric vehicles
- Engage with the museum and its collection
- Use group work to develop design skills
- Be encouraged to ask questions

Links to the Curriculum:

- Design & Technology
- Communication skills
- Science - sustainability

Cost & How to Book:

The cost per students is £3.60 and all accompanying adults will go free. Please keep in mind that each session has a limit of 15 students. This can also be booked in conjunction with our “Transport Throughout Time” trail. For more information contact b.hampton@dmoft.co.uk or call 01382 455196 during opening hours. You can also book via our booking form on the website and we will get back to you.

