

VirtualSchoolTrip allows you and your students to watch an **engaging, curriculum linked science show with practical demonstrations** presented by one of our Science Communicators - all for **FREE**.

COVID-19 means that we cannot have school groups visit our Centre, nor can we come out and visit schools in person. However, we still want you and your students to experience our school shows.

VirtualSchoolTrip features two of our shows - **Stronger by Design** (material science) and **Sonic Science** (the physics and biology of sound). You can access each on for one week, at a time of your choice. Once your access starts, you and your students can **watch the pre-recorded show at any time, and from anywhere**, all for free.

Once you've watched, there are **open-ended questions** linked to the show that will get everyone involved in a **class discussion** - and maybe some family discussions too. **There is also a challenge to spark some experimental thinking.**

Designed to be done at home with whatever is available, the challenge will get your students to consider fair testing, experimental design, and data collection.

We have signed up for Stronger by design this week from 6th July for one week.

Stronger by Design

What dangers do firefighters face, what makes a bullet proof vest so strong, and does any of this relate to custard? This show looks at the engineering behind some of the most amazing materials that keep us safe when we're in danger. We look at the fabrics that protect firefighters from flames and water, how a woven material can stop a bullet, how many materials astronauts need to stay safe on a spacewalk, and, seriously, why is custard important? Introducing concepts including staying safe, forces, and materials. Suitable for All Ages, aimed at Key Stage 1 and 2
Show is ~25 minute

We will send out an access code on Monday July 6th and you can use it anytime in the following week. There will also be a link to the Science Centre Digital Magazine