

Launchbox

Use the innovative Science Museum Launchbox with your class or club, and work together using ideas about forces and motion, energy transfer, materials, electricity and magnetism, light and sound to design and build a chain reaction contraption. www.sciencemuseum.org.uk

Launchbox is an exciting new KS3 resource that explores the six areas of science covered in the highly popular Launchpad interactive gallery:

- Light
- Sound
- Electricity and magnetism
- Energy transfer
- Forces And motion
- Materials

Students use the hands-on investigative activities supplied in Launchbox to create their own 'inefficient machine', with inspiration from the Science Museum film 'On The Move'. <http://www.sciencemuseum.org.uk/videos/onthemove.aspx>



Each Launchbox comes with all the materials you need, including an inspirational video and full teacher instructions on a handy memory stick. So it's all ready for you to use in your classroom teaching or STEM Club with minimal preparation or fuss.

Launchbox is accredited for the Bronze CREST Award. Bronze Awards need around 10 hours of project work and are usually completed by 11 to 14-year-olds.

By using these products or participating in these workshops, students will already be demonstrating many of the skills they need to obtain a CREST Award, including working systematically, developing basic science ideas in a creative and intuitive way and presenting work to others. Students are therefore eligible to apply for a CREST Bronze Award.



It's worth linking Science Museum resources and workshops with a CREST Award for several reasons:

- It's a way for students' work to receive a national accreditation – a Bronze CREST Award is a significant achievement.
- It provides evidence of problem-solving skills and motivates students to go on to CREST at Silver and Gold level.
- It motivates students of all ages and abilities.
- It develops students' understanding of 'how science works', preparing them for GCSE studies.
- It helps students to evaluate and conclude their own merits and achievements based on their own experiences.



How to order

Launchboxes cost £200 each (including delivery) to buy from the Science Museum. For further information go to <http://www.sciencemuseum.org.uk/educators/launchbox.aspx>.

All schools in Wales who request a STEM Ambassador can borrow the Launchbox equipment from their local STEM Ambassador Hub – See-Science – free of charge. Contact enquiries@see-science.co.uk.