



Unleash the **Power**
of Curiosity.



Planning your visit

Our dedicated and enthusiastic education team will support you from the moment you first get in touch to when you board your bus back to school.

Entry to Aberdeen Science Centre includes a two-hour visit with time on the exhibition floor as well as a show or workshop of your choice. We are able to accommodate two classes visiting ASC at the same time, with a maximum of 35 pupils per class. We also have areas for your class to eat their packed lunches that can be booked at no extra cost.

During your visit you are welcome to visit our shop where we have pocket money items available, teachers can also order a coffee from our onsite café to collect at lunch time via the Grub app.

School staff planning a trip are welcome to visit ASC for a free teacher familiarisation visit, these must be booked in advance by getting in touch with the education team.

For information on accessibility please get in touch or visit our [website](#).

Costs

Education rates apply for visits at a cost of £5 (incl. VAT) per pupil.

There is no charge for teachers and supporting adults up to a ratio of 1:3 for nursery to P3, and 1:6 for P4 and up. In addition to this, adults accompanying pupils with additional support needs can enter at a 1:1 ratio free of charge.

Any adults entering above these ratios will be charged at £5 (incl. VAT) each.

Some schools may qualify for travel funding provided by the Scottish Government, we will let you know when you get in touch if this applies.

To book

Email: education@asc.scot

Call: 01224 640340

Please let us know:

- Which school you are from
- Your preferred show or workshop
- A selection of possible dates for your visit
- Your class and number of pupils

Quality Badge awarded by



Early Level

Aberdeen Science Centre offers activities specifically designed for pupils working at early level. Pupils can investigate STEM concepts through a variety of activities including hands-on investigations and shows.

Day and Night Show

In this interactive show pupils will discover the differences between day and night and how this is a result of the Earth's rotation and orbit around the Sun.

SCN 0-06a

Feel the Forces

Working in small groups, pupils will observe and discover different forces. This fun and interactive workshop uses a variety of toys and magnets.

SCN 0-07a

Sensing a Pattern

Explore patterns in the world around us in this fun and interactive workshop. Pupils will have the chance to investigate patterns in shapes and sounds, while using their creativity to design patterns of their own.

MTH 0-13a, MTH 0-16a, MNU 0-01a



Robotic Explorers

Introduce your pupils to simple programming in this fun and interactive workshop, which has been updated with new kit! Pupils will develop directional language, sequencing and thinking skills.

TCH 0-01a, 0-14a, 0-15a and MTH 0-17a



First – Third Level

Our diverse and exciting STEM Learning Programme gives you the option of several Curriculum for Excellence linked workshops and shows. Each option is tailored to different levels and covers a range of STEM subjects. If you would like advice on which workshop might best suit your current topic, please get in touch with our education team via email education@asc.scot

Curriculum for Excellence Levels

● First ● Second ● Third

How to make the Perfect Poo ● ●

This hands-on show takes pupils on a journey following the passage of food through the digestive system. Sticky, fun and educational!

SCN 1-12a, SCN 2-12a, HWB 2-15a, HWB 2-28a, HWB 2-30a

Amazing Bodies ● ●

Step into the captivating world of human anatomy with our workshop, where pupils will explore the different parts of our body from bones and muscles, to organs and discover how they work.

SCN 1-12a and HWB 1-47b.

Inheritance Detectives ● ●

Get ready for a 'gene'ius workshop, pupils will be introduced to ideas of inherited characteristics and variations within species. Second Level pupils will explore the inheritance of characteristics in offspring by combining genes to make their own fictional animal, the Reebop.

SCN 1-14a, SCN 2-14b





Feel the Forces ● ●

Get ready to be pulled into a world of fun in this interactive workshop where pupils will investigate different forces and observe their effects.

SCN 1-07a, SCN 1-08a, SCN 2-07a, SCN 2-08a

Circuits and Electronics ● ●

Spark your curiosity and discover how electricity works and how to stay safe in this workshop where pupils will create simple circuits and learn about the uses of different components.

SCN 1-09a and SCN 2-09a

Microbit Masters ●

NEW

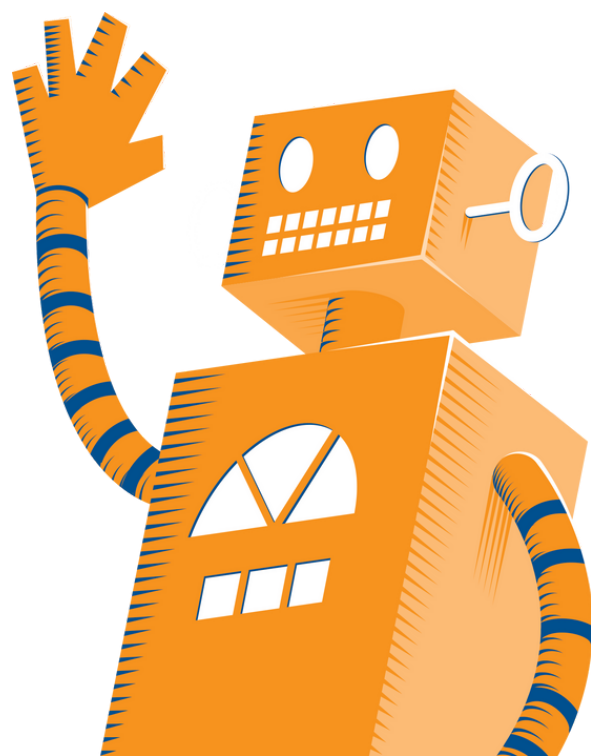
New for 23/24! Become a Microbit Master in this hands-on workshop where pupils can have a go at coding their exciting BBC micro:bit creations.

TCH 2-13a, TCH 2-14a, and TCH 2-15a

Lego Mindstorms Rescue Challenge ● ●

Pupils will work in groups to plan a mission to rescue the stranded astronauts by programming Lego Mindstorms robots and then take on the ASC moon buggy challenge.

TCH 2-14a, TCH 2-15a, TCH 3-14a, TCH 3-15a





Crime Scene Chemistry



Can your class help solve the case? In this workshop, pupils will discover how we can use science to solve crimes and have a go at analysing samples!

SCN 2-16a, SCN 2-19a, SCN 3-18a

Day and Night Show



Discover the differences between day and night, seasonal patterns and how this is a result of the Earth's rotation and orbit around the Sun in this interactive workshop.

SCN 1-06a



Reflecting on Symmetry



In this fun and hands on workshop pupils will investigate patterns and symmetry in the world around us and explore why we find these beautiful, while also having a chance to be creative and design patterns of their own.

MTH 1-13b, MTH 1-16b, MTH 1-19a, MTH 2-13a, MTH 2-19a





Space for Planet Earth



New for 23/24! Pupils will take part in hands-on activities to investigate how we use satellites to monitor our planet's climate and biodiversity.

SOC 1-12b, SCN 1-02a, SCN 1-20a, SCN 2-20a, SCN 2-20b

Erupting Volcanoes



Journey into the ground beneath our feet in this chemistry based hands-on workshop where pupils will work in groups to build and erupt a volcano.

SCN 1-15a, SCN 2-17a, SCN 2-19a

The Water Cycle



Where does it come from? Where does it go? Pupils will investigate the water cycle through all its stages in this interactive show.

SCN 1-05a, SCN 2-05a



Experience the 'Story of Energy' show which uses the latest projection mapping technology, to provide an introduction to how having a mix of energy stores is shaped by people and our demand. Pupils can also have a go at keeping an imaginary Aberdeen from blacking out in our energy mix game. Suggested age groups P4 and up.

SCN 1-04a, SCN 2-04a, and SCN 2-04b



Digital

Learning Lab: Powering the Future ● ●



Aberdeen Science Centre are working with Glasgow Science Centre, Dundee Science Centre, and Science Skills Academy to deliver Learning Lab: Powering the Future during the next school year.

Through exciting practical activities, pupils will discover renewable technologies and see that they have the skills needed for a future in the energy industry. We have two separate programmes, one for **P5-7**, and another for **S1 & 2** classes which both run three times a year. Places are funded by OPITO, so taking part is **free to schools**, for more information, and to sign up, please get in touch at education@asc.scot

As part of the project you will have access to:

- Lesson plans and worksheets
- Original video content
- Live interactions with scientists
- Twilight professional learning session
- Family learning activities
- A Science Centre visit



Kodekraft ●

Developed by Norwegian science centre staff, ASC are now delivering digital sessions for S1 & S2 classes. These sessions are delivered on Teams, straight into your classroom!

Pupils will build computer programming skills while exploring the subject of energy sources by creating their own energy game on Microsoft Makecode Arcade, with the support of one of the ASC team.

For more information, including cost, please get in touch on education@asc.scot

Loan materials

Aberdeen Science Centre has a variety of loan boxes available for schools to borrow at no cost, for periods of up to three weeks.

Bioblitz Box

Explore nature in your playground with our bioblitz box. Each box includes bug pots, binoculars, and ID guides as well as an activity pack for ideas on how to use the kit. To request this box, please email education@asc.scot

Magic Maths

Magic Maths boxes contain everything you need to have fun exploring maths topics such as probability, mental maths, 'mind-reading' maths and more! To request this box, please email info@asc.scot

Planet Protectors

Carry out experiments on air quality and soil properties with our Planet Protectors loan box. Each box includes a portable air quality monitor, a soil testing probe, and activity booklets filled with information and experiment ideas! To request this box, please email info@asc.scot



To keep up to date with the latest news, offers, and funding opportunities sign up to our newsletter [here](#), and follow us on social media.

