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Community Workshops 2018/19

Aberdeen Science Centre offers a wide range of teen and adult workshops to help develop new skills and discover STEM (Science, Technology, Engineering and Maths) along the way. All workshops can be tailored to suit your needs both in content and length. Some groups may qualify for funding to meet the cost of workshops.

CSI: Aberdeen

Recommended min. time
1.5hrs

Transferable skills
Teamwork
Problem solving
Critical thinking
Numeracy
Time Management
Leadership
Confidence

As a member of the elite ASC forensics team you enter the crime scene to where the body of Joe Plastic Biogs (our resident mannequin) lies ... Become a detective and help solve the murder! Discover how a knowledge of how your own human biology can help you solve the case. Narrow down your list of key suspects by understanding and using graphs, taking samples from the crime scene and running blood tests.

Engineering Challenge

Recommended min. time
2hrs

Transferable skills
Teamwork
Money management
Problem solving
Innovation
Time management
Communication skills
Leadership

You have been tasked by the ASC City Planner to plan and construct a "supertall" building. As well as reaching for the sky your building must meet the requirements set and be delivered within budget. Bonus payments will be awarded for innovation in building design. Following your build you will be given the opportunity to present and explain your design and approach to the group, before the Judges decide on an overall winner.

Everyday Technology

Recommended min. time
2hrs

Transferable skills
Digital Skill
Innovation
Confidence
Communication skills

Technology is a huge part of our everyday lives but do you know what lies inside the tech in your pocket? In this workshop we will discover the history of the technology we can't now live without, to help us understand what's inside and how it works. Participants will then have a chance to code their very own version of a mobile game (no coding experience required!).

The Science of Mental Health

An informal workshop looking at the whats, whys and hows of mental health and mental illness. This interactive session tackles stigma - what it is, how it affects people's lives and how we can all have pre-conceived ideas about mental illness. Using interactive activities learn about the most commonly diagnosed mental health conditions and their symptoms. Discover the complexities of the brain and explore what we currently know about what goes wrong in the brain in some mental illnesses and current treatments.

Recommended min. time

1.5hrs

Transferable skills
Verbal communication
Teamwork
Personal development
Confidence
Emotional Wellbeing

Going Green with Electricals

During the workshop we discuss what electronic items we have in our homes and start to think about how these work. The group will be introduced to some of the different parts and components from everyday items and how they are put together. The group will then have time to build several basic circuits and then create their own after which we will discuss how it could be used in an everyday scenario.

Recommended min. time

1.5hrs

Transferable skills
Teamwork
Innovation
Critical Thinking
Confidence

Superhero Nutrition

In this interactive workshop, we explore some cool nutrition facts. We discuss how to use Nutrition Facts Labels, measure portion sizes and how to make smarter and healthier food choices. You will then use this information to create the best diet plan for your favourite superhero!

Recommended min. time

2hrs

Transferable skills
Critical thinking
Personal development
Communication Skills
Problem Solving

This is not an exhaustive list of what we can offer. If there is a topic your group would like to explore please let us know.

Most workshops can be delivered as outreach to your group. Several workshops are available to be delivered over a number of separate sessions/ days. To book, or for any more information, please phone, asking for Kostas on 01224 640340 or email education@ASC.scot.

Aberdeen Science Centre

Scottish Charity No.SC014922

Contact

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Support

Aberdeen Science Centre is a recognised Scottish charity and relies on external funding to sustain the provision of STEM Learning experiences that are stimulating, valuable, relevant and high quality. We are always extremely grateful to receive support and would welcome hearing from individuals, groups or companies to discuss options for supporting the STEM Learning Team and STEM Learning programmes. Charity No. SC014922.

www.aberdeensciencecentre.org