

## CLPL Programme

(Career Long Professional Learning)

ASC aims to support STEM learning and teaching in schools by providing extensive Career Long Professional Learning opportunities for teachers.

Early	First	Second	CfE



### All About Inside Me

Discover what goes on inside our bodies everyday using hands-on activities that you can use with your pupils.

CfE links

HWB 0-15a, 0-30a, 0-47a & 0-47b. SCN 0-11a, 0-12a, 1-12a.

### Planet Earth

Unearth what gives us day and night, the seasons plus explore ways to introduce animal and plant life to your pupils.

CfE links

SCN 0-01a, 0-03a, 0-06a. SOC 0-08a, 012a.

### Weather Around Us

Investigate the science of weather and discover how to create a weather station to record the weather with your pupils.

CfE links

SCN 0-05a, 0-20a. SOC 0-12a.

### NEW Flashes and Bangs

Get noisy and make rainbows in this interactive workshop exploring the properties of sound and light. You will create easy-to-make instruments and explore how light and sound behave in different media.

CfE links

SCN 0-11a, 0-12a, SCN 1-15a, 1-16a, SCN 2-15a, 2-16a, 2-16b, 2-17a 2-18a, 2-19a

### Fun with Forces

Equip yourself with the tools and knowledge to teach about forces like gravity, magnetism and static electricity. Interactive and hands-on session with lots of activity ideas to do with your pupils.

CfE links

SCN 0-04a, 0-07a, 0-09a, 0-15a, SCN 1-07a, 1-08a, SCN 2-07a, 2-08a, 2-08b.

### Kitchen Chemistry

Investigate the use of everyday household items, such as vinegar and bicarbonate of soda in a variety of simple, yet effective, science experiments.

CfE links

SCN 0-15a, SCN 1-15a, 1-16a, SCN 2-15a, 2-16a, 2-19a.

### NEW Marvellous Materials

Investigate the amazing properties of different materials, the states of matter, soluble and insoluble materials and much more in this hands-on workshop.

CfE links

SCN 0-05a, 0-15a, 020a, SCN 1-15a, , 1-16a, SCN 2-15a 2-16a, 2-16b, 2-17a, 2-18a, 2-19a.

### Facilitating Science Investigations

Equip yourself with the knowledge and confidence to carry out scientific investigations in your classroom.

Developed in partnership with Aberdeen City Council

CfE links

Science inquiry and investigative skills

### Fish, Fossils & Fuel (Energy4Me)

Explore a number of lesson plans that teach about the oil and gas industry. From the formation of oil and gas, how to find it, how to get it out of the ground, how to refine it to what we do with it.

Funded by SPE

CfE links

SCN, 1-15a, 1-20a, SCN 2-14a, 2-15a, 2-17a. TCH 1-02a, 1-14a, 2-14a.

### Life Under the Sea (Subsea Channel UK)

Discover the Subsea Channel that includes free lesson plans and videos around various topics of the Subsea industry: Marine Biology, Diving and Health, Vessels, Robots and ROVs and Surveying the Sea.

Funded by Subsea UK

CfE links

SCN 1-02a, 2-02a, 2-07a, 2-08a, 2-11a, 2-11b, 2-12a. TCH 1-09a, 1-09b.

### NEW NASA in Aberdeen

In this session developed in collaboration with physics teachers, you will be introduced to NASA's freely available teaching resources and learn all about space exploration, space travel and more.

Funded by NASA in Aberdeen

CfE links

SCN 1-06a, 2-06a, 1-07a, 1-07b, 2-19a (SCN 1-20a, 2-20a & 2-20b).

### Our Amazing Body

Discover how our body works, what happens when something goes wrong and how germs can spread and cause disease in this interactive workshop.

CfE links

SCN 1-12a, 2-12a, 1-12b, 2-12b, 1-13a, 2-13a.

### Plants Vs Science

In this session you will learn about different parts of plants and their function and how to carry out investigations in your classroom to find out what plants need to grow.

CfE links

SCN 1-01a, 1-03a, SCN 2-01a, 2-02b, 2-03a.

### Switch It On

Ever wanted to be an electron? In this fun interactive session you will act as an electron and discover how electricity works. Create simple circuits, explore the conductive properties of various materials and more.

CfE links

SCN1-09a, 2-09a, 2-10a.

### What Makes You... You?

Learn how to teach the basics of genetics and inheritance. Meet the Reebop, a fantastical animal that provides a fun and simple way for introducing children to ideas of inherited characteristics and variation within a species.

CfE links

SCN1-14a, 2-14a, 2-14b.

#### PROJECT SPONSORS

