

TECHFEST

Promoting Science, Technology, Engineering and Mathematics

Scottish Charity No SC010349

EARLY YEARS WORKSHOPS 2023

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TECHFEST

Aberdeen and North-East Scotland's
Festival of Science, Technology,
Engineering & Mathematics
www.techfest.org.uk/festival

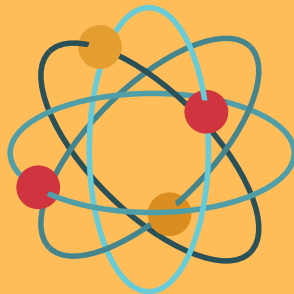


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E: lynfenton@techfest.org.uk or T: 07736932381

Fee: £86 per core workshop (with 2 presenters) + mileage cost of £15 per day visit.

For nurseries out with Aberdeen and Aberdeenshire, mileage is charged at 45p per mile and is calculated from TechFest offices (Butchart Centre, University of Aberdeen, University Road, Aberdeen, AB24 3UT).





GLORIOUS GERMS

KEY CONCEPTS

Learn about the transmission of germs and how to protect your body.
Check your handwashing technique is up to scratch and experiment by
growing your own germs

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	SCN 0-20A, 1-13A TCH 0-04C, 0-09A, 0-11A HWB 0-15A, 0-33A
WORKSHOP REQUIREMENTS:	<ul style="list-style-type: none">• PRESENTER CHAIR AND TABLE• CHAIRS AND TABLES FOR PUPILS TO WORK AT• FLOOR SPACE



TERRIFIC TEETH

KEY CONCEPTS

A fun and interactive experiment investigating the science behind a healthy smile. Pupils will help scientists at the Bright Smile Toothpaste Company make and test a new, top secret toothpaste recipe. Examination of ingredients and simple experiments encourage pupils to build their investigative skills and scientific understanding.

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	SCN 0-03A, 0-07A, 0-15A TCH 0-14A MNU 0-02A, 0-10A, 0-20A HWB 0-15A, 0-33A LIT 0-04A, 0-19A EXA 0-14A SOC 0-15A
WORKSHOP REQUIREMENTS:	<ul style="list-style-type: none">• PRESENTER CHAIR AND TABLE• CHAIRS AND TABLES FOR PUPILS TO WORK AT• FLOOR SPACE

CREATIVE CATERPILLARS

KEY CONCEPTS

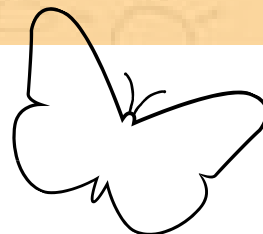
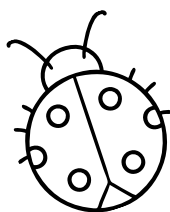


In this workshop we will gain an understanding of the lifecycle of a caterpillar, based on the famous children's book 'The Very Hungry Caterpillar' by Eric Carle. This will start with reading the story so that the children are familiar, followed by some gross motor movements to solidify the knowledge of the life cycle. We will be making seed bombs which will sprout food for the hungry caterpillars that live in our gardens and parks. Lastly we will categorise the food the hungry caterpillar eats. There are extra activities if needed in case anyone finishes up early.

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	MNU 0-01A, 0-02A, 0-19A, 0-16A SCN 0-01A, TCH 0-04A HWB 0-11A, 0-21A LIT 0-01B, 0-01c EXA 0-14A
WORKSHOP REQUIREMENTS:	TABLES AND CHAIRS (APPROXIMATELY 6-10 CHILDREN AROUND EACH TABLE).



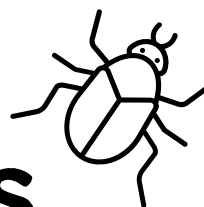
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WILD ABOUT MATHS

KEY CONCEPTS

Number and place order. Minibeast classification. Number Bonds

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	MNU 0-02A, 0-03A, 0-16A, 0-20A, 0-20B LIT 0-01C, 0-04A, 0-10A
WORKSHOP REQUIREMENTS:	<ul style="list-style-type: none"> • CLEAR SPACE FOR CHILDREN TO SIT • TABLES FOR ACTIVITIES



CREST'S "CONFUSING CANS"



KEY CONCEPTS

This activity is designed to get children thinking about weights, ramps and investigation

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	XXX
WORKSHOP REQUIREMENTS:	<ul style="list-style-type: none">• CLEAR SPACE FOR CHILDREN TO SIT• TABLES FOR ACTIVITIES

CREST'S "BE SEEN BE SAFE"



KEY CONCEPTS

This activity is designed to get children thinking about reflection and light.

AGE RANGE:	AGE 3-6
RUNNING TIME:	45 MINUTES/1 HOUR
CFE LINKS	XXXX
WORKSHOP REQUIREMENTS:	<ul style="list-style-type: none">• CLEAR SPACE FOR CHILDREN TO SIT• TABLES FOR ACTIVITIES



THE **CREST AWARDS** SCHEME IS THE BRITISH SCIENCE ASSOCIATIONS FLAGSHIP PROGRAMME FOR YOUNG PEOPLE, PROVIDING SCIENCE ENRICHMENT ACTIVITIES TO INSPIRE AND ENGAGE 5–19 YEAR OLDS.

It is the only nationally recognised accreditation scheme for project work in science, technology, engineering and mathematics (STEM) subjects.

In addition to giving young people the opportunity to undertake hands-on science, CREST Awards are designed to help develop skills that are transferrable to other subjects, further education and future employment.

To find out more about CREST Awards and to see how you can get involved visit the TechFest website: www.techfestsetpoint.org.uk/crest or email: kirstycranna@techfest.org.uk

TECHFEST
digital

TechFest is your Regional CREST Support Organisation for Scotland..

TechFest.org.uk

To find out more information about CREST and how to register for awards follow the link below:

www.crestawards.org