

## **FULL PROGRAMME OVERVIEW**

### **MAY 2024**

**NURSERY TO PRIMARY 7** 

#### **JUNE 2024**

**ALL AGES** 

#### JAN - DEC

PRIMARY

### JAN - DEC

SECONDARY

### JAN - DEC

**SECONDARY** 

### JAN - DEC

**ALL AGES** 

### JAN - DEC

**ALL AGES** 

#### NOV 2023 - MAR 2024

**SECONDARY** 

### **JAN - MAR 2024**

**SECONDARY** 

### FEB - DEC

SECONDARY

## **APR - SEPT**

PRIMARY

#### **APR - DEC**

PRIMARY

### **MAY - NOV 2024**

**SECONDARY** 

### **JUN - DEC 2024**

**SECONDARY** 



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MATHS

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## **EDUCATION**

### TECHFEST'S SCHOOLS SCIENCE FESTIVAL

A FLAGSHIP EVENT FOR PRIMARY SCHOOLS TO VISIT AND LEARN ABOUT THE SUBJECTS THEY ARE DOING IN SCHOOL IN A NEW AND ENGAGING WAY.

#### **PUBLIC**

### **FAMILY ACTIVITY WEEKEND**

ONE OF OUR MOST POPULAR EVENTS FOR FAMILIES TO TAKE PART IN DROP IN WORKSHOPS FROM TECHFEST AND MANY OTHER SCIENCE COMMUNICATORS.

#### **EDUCATION**

#### **PRIMARY OUTREACH**

A CATALOGUE OF STEM WORKSHOPS THAT ARE TAKEN INTO SCHOOLS ACROSS SCOTLAND TO ALLOW PUPILS TO ENGAGE WITH STEM IN A FUN AND DYNAMIC WAY.

#### **EDUCATION**

#### **SECONDARY OUTREACH**

STEM RELATED PROJECTS THAT ARE TAKEN INTO SCHOOLS ACROSS SCOTLAND TO ALLOW PUPILS TO ENGAGE WITH STEM IN A FUN AND DYNAMIC WAY.

#### **EDUCATION & PUBLIC TECHFEST TALKS**

STUDENT LED PODCAST THAT ALLOWS STUDENTS TO FIND OUT ABOUT THEIR DESIRED CAREER PATHS.

#### **EDUCATION**

### **SPACE INTO ENERGY**

ACTIVITIES ARE DESIGNED TO ALLOW STUDENTS OF ALL AGES TO ENGAGE WITH THE LINKS BETWEEN THE SPACE AND ENERGY SECTORS.

#### **EDUCATION**

### THE DISCOVERY SERIES

AN INNOVATIVE AND ENGAGING PROGRAM DESIGNED TO SPARK THE CURIOSITY OF YOUNG MINDS AND CULTIVATE A PASSION FOR STEM ACROSS ALL AGE GROUPS.

### **EDUCATION**

#### **MATHS MASTERCLASSES**

TO EXPLORE THE APPLICATION OF MATHEMATICS IN REAL-LIFE PROBLEMS.

# **EDUCATION**

#### MATHS INTO THE ENERGY MIX

CHALLENGES THAT MAINTAIN THE IMPORTANT HISTORY OF OIL AND GAS WITHIN THE ENERGY STORY BUT ADDS IN THE CONCEPTS AND CHALLENGES ASSOCIATED WITH RENEWABLE

#### **EDUCATION**

#### STEM INTO INNOVATION

TAKES STUDENTS ON AN EXPLORATION INTO PRODUCT DESIGN AND DEVELOPMENT, WHILE PUTTING THEIR STEM SKILLS TO THE TEST!

### **EDUCATION**

### STEM ON THE FARM

STEM-BASED LEARNING PROGRAMME HIGHLIGHTING THE ARRAY OF CAREER OPPORTUNITIES IN THE SCOTTISH AGRICULTURAL SECTOR.

#### **EDUCATION**

## E.O.L

THE ENGINEER'N' OUR LIVES (EOL) PROGRAM IMMERSES CHILDREN IN ENGINEERING, TEACHING ESSENTIAL CONCEPTS THROUGH HANDS-ON EXPERIENCE.

### **EDUCATION STEM NEXT**

INTERNATIONAL ESSAY COMPETITION TO RESEARCH A TOPIC OF INTEREST.

# **EDUCATION**

### **BLUEPRINT CHALLENGE:** A FUTURE HIGHSTREET

TEAM PROJECT THAT REQUIRES TO DESIGN A HIGHSTREET OF THE FUTURE.



stem

EXPLORATHO

STEM

TECHFEST MATHS

### **SUMMER 2024**

ALL AGES

#### **SUMMER 2024**

**ALL AGES** 

## **AUG - DEC 2024**

**SECONDARY** 

### **SEP 2024**

**PUBLIC** 

### **SEP 2024**

**SECONDARY** 

### **NOV 2024**

**PUBLIC** 

## **DEC 2024**

ALL AGES

#### **DECEMBER 2024**

SECONDARY

## DATE TBC

**SECONDARY** 

### JAN - DEC

SECONDARY

### JAN - DEC

**ALL AGES** 

## **PUBLIC** STEM IN THE PARK

TO ENGAGE IN STEM ACTIVITIES THAT ARE DONE IN THE PARK BY UTILISING TEAMWORK AND THE PARK CREATIVITY.

#### **PUBLIC**

### **SOCIABLE SCIENCE**

TO ENGAGE IN STEM ACTIVITIES THAT ARE DONE IN CONVERSATION BY UTILISING TEAMWORK AND CREATIVITY.

#### **EDUCATION**

### STEM IN THE PIPELINE

CHALLENGES 17-18 YEAR OLDS TO PRODUCE A FIELD DEVELOPMENT PLAN WHILE WORKING ALONGSIDE INDUSTRY PROFESSIONALS.

### **PUBLIC**

### ABERDEEN SCIENCE FESTIVAL

A FLAGSHIP EVENT THAT OFFERS FACE TO FACE EVENTS, OPEN TO ANYONE WITH AN INTEREST IN **STEM** 

#### PUBLIC

### **EXPLORATHON**

EVENTS THAT SUPPORT THE COMMUNICATION OF CUTTING-EDGE SCIENCE FROM UNIVERSITY OF ABERDEEN RESEARCHERS

#### **PUBLIC**

### **TECHFEST DIGITAL SCIENCE FESTIVAL (ONLINE)**

A FLAGSHIP EVENT THAT OFFERS ONLINE EVENTS, FREE AND OPEN TO ANYONE WITH AN INTEREST IN STEM

#### **EDUCATION & PUBLIC**

### STEM ADVENT CALENDAR

AN INTERACTIVE ADVENT CALENDAR TO HELP COUNTDOWN THE DAYS TILL CHRISTMAS BY UNLOCKING AN EXCITING STEM CHALLENGE THROUGHOUT DECEMBER.

### **PUBLIC**

### **CHRISTMAS LECTURES**

THE ROYAL INSTITUTION'S CHRISTMAS LECTURES ARE SERIES OF SCIENCE LECTURES FOR YOUNG AUDIENCES, AIMING TO MAKE SCIENTIFIC CONCEPTS ENGAGING AND ACCESSIBLE.

### **EDUCATION**

### **MATHS INTO**

MATHEMATICAL BASED REAL-LIFE CHALLENGES TO GIVE PUPILS AN INSIGHT INTO THE CAREER POTENTIAL OF THE SECTOR.

#### **EDUCATION CAREER READY**

TO EMPOWER YOUNG PEOPLE IN \$5/6 TO KICK-START THEIR CAREER THROUGH MENTORING & PAID INTERNSHIP.

## **EDUCATION & PUBLIC**

### **CREST**

NATIONALLY RECOGNISED ACCREDITATION SCHEME TO INSPIRE AND ENGAGE 5-TO-19-YEAR OLDS IN SCIENCE ACTIVITIES.

### **OUR SPONSORS AND SUPPORTERS**

CREST AWARDS





























































































