

## **FULL PROGRAMME OVERVIEW**

## **MAY 2024**

**NURSERY TO PRIMARY 7** 

### **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**

## **JUNE 2024**

**ALL AGES** 



## **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.

JAN - DEC PRIMARY

# ECHFES

## JAN - DEC

SECONDARY



JAN - DEC **SECONDARY** 



## JAN - DEC

**ALL AGES** 



**ALL AGES** 



## JAN - DEC



## NOV 2023 - MAR 2024

**SECONDARY** 



## **JAN - MAR 2024**

**SECONDARY** 



## FEB - DEC

SECONDARY



STEM

## **APR - SEPT**



PRIMARY



## **APR - DEC**

PRIMARY



## **MAY - NOV 2024**

**SECONDARY** 





## **JUN - DEC 2024**

**SECONDARY** 



## **SUMMER 2024**

## **SUMMER 2024**

**ALL AGES** 

**AUG - DEC 2024** 

**SECONDARY** 



stem

EXPLORATHO

STEM

## **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

## **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.

**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** 



TECHFEST MATHS

**OUR SPONSORS AND SUPPORTERS** 























































































