



sserc

STEM TECHNICIAN TRAINING DAY

FRIDAY 17TH MAY



**SCIENCE
TECHNOLOGY
ENGINEERING
MATHEMATICS**

A free day of professional learning for school technicians in Scotland to be held at the SSERC buildings in Dunfermline, Fife. This is a hands-on PL event with various workshops and a chance to network with other technicians from across the country.

Workshops

1. Microscale Biology
2. Microscale Chemistry
3. Experiments with radioactivity
4. Intro to welding
5. Intro to wood turning
6. Sensational Seaweed
7. Microbits and Robots



01383 626070



www.sserc.scot



1 - 3 Pitreavie Court, Dunfermline



SSERC Stem Technician Training Day Programme 2024

09:00 - 09:30	Arrive and Registration
09:30 – 10:00	Welcome from Alastair (SSERC CEO) and Jane Oldham (ASE Tech Committee Chair)
10:00 – 10:20	Coffee
10:20 – 11:20	Session 1
11:30 – 12:30	Session 2
12:30 – 13:30	Lunch
13:30 – 14:30	Session 3
14:40 – 15:40	Session 4
15:40 – 16:00	Q and A, Evaluation



Workshops

Welding

A taster session of beginners welding. This two-hour session will give you a basic introduction to welding. This will include a hands-on trial of Arc and MiG welding techniques.

Wood Turning

Get an introduction to wood turning by turning your own pen on a standard classroom wood lathe.

Experiments with radioactivity

A session covering the safe set up and running of experiments involving radioactivity.

Microscale Biology

A session covering three simple biology microscale experiments, including enzymes and vit c titration.

Sensational Seaweed

An experiment to show photosynthesis with quantitative results using seaweed and a colorimeter.

Building Microscale Chemistry

A session demoing how to build basic microscale chemistry apparatus. E.g. microscale titrations.

Microbit and Robots

A session learning about coding on the BBC microbit. Helped by some clever little robots.