

# TRAINING PROGRAMME

## AUTUMN 2025

## WELSHPOOL

## BUTTINGTON TREWERN

### COLLECTIVE LEARNING

A Welsh company providing quality CPD for Welsh Schools

#### Buttington Trewern County Primary School



**Buttington Trewern CP School**  
**Welshpool**  
**SY21 8TB**

**START TIME: 9.00am coffee and registration for a 9.15am start**

**FINISH TIME: 2.45pm**

**\* Delegates to bring their own lunch**

#### Aspects in Design and Technology

Nerys Tudor Jones

**How well are you covering the different aspects of Design and Technology?**  
**How skilled and confident are your staff in teaching effective STEM?**

D&T is an exciting and natural area to develop and support the four purposes and 12 pedagogical principles of the new curriculum. Learn how, through experiencing the challenges for yourself, before teaching them in the classroom. This is a hands-on session, where delegates will develop their understanding of the different areas in Design and Technology through practical team challenges.

This course will also look at progression from PS1 to PS3.

There will be a focus on mechanical systems – linkages and gears using construction kits.

*All delegates will go home with a Robotics kit to use with the children back in class.*

**Date: Friday 19th September 2025**

**Venue: Buttington Trewern CP School**

**Audience: N-Y6 Teachers, TAs**

**Cost: £150 +VAT (Delegates are advised to bring a packed lunch)**

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#### 10% SPECIAL OFFER

**Book 5 places (any number of people/any number of courses) and receive a 10% discount**

*\*If you normally book online the discount is automatically applied\**

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## Progression in Science & Technology

Nerys Tudor Jones, Karen Mills

*'A minority of schools provide suitable opportunities for pupils to apply their literacy, numeracy and digital skills independently in meaningful contexts. Too often schools have not developed their understanding of progression well enough and pupils do not apply their skills at a high enough level'*

Estyn Early Insights 2025

*"A successful curriculum, supported by effective teaching and learning enables learners to make meaningful progress"*

The Curriculum for Wales: Progression Code para. 2.1

This course looks at the progression of Science & Technology skills, which highlight the rich opportunities for literacy, numeracy and digital skills.

Experience hands-on STEM and Design Technology activities that develop personal attributes and progressive cross-curricular skills.

This course includes copies of Science & Technology Stepping Stones Long Term Progression, PS1 Booklet of Ideas for Science & Technology and Bank of Science Investigations for Y1 to Y6.

**Date: Monday 29th September 2025**

**Venue: Buttington Trewern CP School**

**Audience: Science & Tech AoLE Leads**

**Cost: £150 +VAT (Delegates are advised to bring a packed lunch)**

## Progression in Coding and Robotics

Karen Mills, Gareth Morgan

This full-day practical course will cover the coding aspect of the Science & Technology AoLE (WM6).

The morning session will focus on coding progression from PS1 to PS3, focusing on Bee-Bot, turtle on-screen, LOGO, BBC micro:bit and Scratch.

The afternoon session will focus on an introduction to 'robotics' using the Artec Robo 'Early Education Kit' to build and control a physical device (PS2) and to code (PS3)

**Each delegate will receive the kit to take back to their school.**



**Date: Monday 20th October 2025**

**Venue: Buttington Trewern CP School**

**Audience: PS2 and PS3 teachers, Sci and Tech AoLE / Digital Leads**

**Cost: £160+VAT (Delegates are advised to bring a packed lunch)**

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