

INFORMATION PACK

# DESIGN TECHNOLOGY AND ENGINEERING/VEHICLE TECHNOLOGY TEACHER

FULL-TIME AND PERMANENT POSITION



'An All-Age School where every child matters'

[www.bropedr.ceredigion.sch.uk](http://www.bropedr.ceredigion.sch.uk)





# ADVERT

Our school is proud of the fact that it is one of the first 3–19 schools in Wales, and is breaking new ground in terms of providing lifelong education for our pupils. Ysgol Bro Pedr is a combination of two previous schools, Ysgol Cynradd Ffynnonbedr and Ysgol Cyfun Llanbedr Pont Steffan. Ysgol Bro Pedr had its last Estyn inspection in October 2016. Although a number of pupils start at the school at the age of 3, a number also come from other partner primary schools from the Local Authority and from Carmarthenshire Local Authority. There are 962 pupils on the roll of the school – 321 pupils from Nursery to Year 6 and 641 pupils from Year 7–13 (which includes 79 pupils in Year 12 and 55 pupils in Year 13).

69.5% of our school's pupils come from homes where the Welsh language is not used. Our pupils are linguistically streamed, with Welsh medium classes and Welsh Second Language classes in Years 3–13. Our school has recently gone through a successful consultation which means that all Foundation Phase pupils receive their education through the medium of Welsh only. Currently, 24.8% of our pupils claim free school meals (20.59% of our secondary age pupils and 33.3% of our primary age pupils). Our school caters for a full range of abilities. 10.8% of our pupils have English as an Additional Language, which is higher than the national average. The percentage is higher within our primary age (11.0%) compared to our secondary age (10.28%). Our school's population profile is cosmopolitan, with indigenous Welsh from Ceredigion and Carmarthenshire, a high percentage of Welsh speakers, but with an English background, an increasing number of pupils who are latecomers to the area and the school and a significant percentage of pupils from Poland, Romania and a smaller percentage of pupils from Malaysia and China.

Canolfan Y Bont, which is a county resource for pupils of secondary age with various needs (ASD, SLD, PMLD, MSI), is located on our school site. The centre is a full part of the school, and the pupils are on the role of Ysgol Bro Pedr. In addition, a Life Skills Unit was established which caters for pupils with fairly intense educational needs and vulnerable behavioural pupils and offers continuity and progression to some of the Canolfan y Bont pupils where relevant and practical. There are 11 pupils attending Canolfan Y Bont and 22 pupils attending the Life Skills Unit, at the moment.

Ysgol Bro Pedr's Leadership Team includes: Headteacher, Deputy Headteacher, two Assistant Headteachers, Wellbeing Lead and Progress Lead.





# ADVERT

We are looking for an enthusiastic and skilled Design and Technology and Engineering or Vehicle Technology teacher to join our dynamic team. The successful candidate will inspire pupils to develop critical thinking skills, creativity, and practical skills in the fields of design, technology, engineering and mechanics. The successful candidate will have the opportunity to foster innovation and problem solving through practical projects and progressive learning practices.

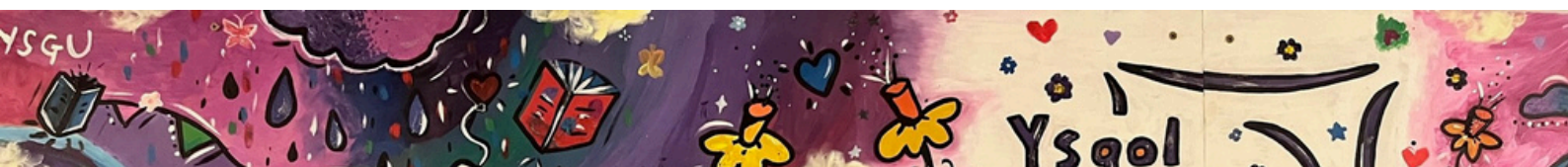


**Ennillydd!**

**Prizewinner!**

Gwobrau Arloesedd CBAC  
WJEC Innovation Awards  
2024

**Deri Mullins**  
**TGAU**  
**Bleach Bottle Opener**







# APPLICATION PROCESS

● Closing Date	Tuesday, 29th of April 2025
● Interviews	Friday, 2nd of May 2025
● Start Date	1st of September 2025

Safeguarding and Child Protection are key priorities for Ceredigion County Council Ceredigion.

Our aim is to support vulnerable children and young people in order to ensure that they are as safe as possible. Our schools are committed to safeguarding and protecting all children, and they will take steps to protect their welfare and recognise their right to be protected.

This is supported by the general ethos of all schools.

A Disclosure and Barring Service check will be required for this post.

For more information or to arrange a visit, contact the Headteacher, Mrs Carys Morgan  
[MorganC506@hwbcymru.net](mailto:MorganC506@hwbcymru.net)

The above advert is for a full-time, permanent Design Technology and Engineering/  
Vehicle Technology post where the ability to communicate through the medium of Welsh  
and English is desirable.





# JOB DESCRIPTION

## JOB TITLE – TEACHER OF DESIGN AND TECHNOLOGY AND ENGINEERING/VEHICLE TECHNOLOGY

### MAIN RESPONSIBILITIES:

#### Curriculum Provision:

- Planning, preparing and presenting engaging lessons in the field of Design and Technology and Engineering in accordance with Curriculum for Wales, WJEC specifications or the school's specific standards.
- Incorporate a variety of teaching strategies, including project-based learning, to meet the diverse needs of learners.
- Promote creativity, collaboration and technical proficiency in the design and execution of engineering projects.

#### Practical Teaching:

- Teaching pupils how to use tools, machines and software safely for design, prototyping and manufacturing.
- Provide practical learning experiences using materials such as wood, metal, plastic and new technologies such as 3D printing, CAD/CAM and programming.

#### Assessment and Feedback:

- Design and administer assessments to evaluate pupils' progress, providing constructive feedback to improve learning outcomes.
- Keeping accurate records of pupils' performance and achievements.

#### Manage Class and Workshop:

- Ensure a safe and inclusive learning environment by maintaining high standards of safety in the workshop/classroom.
- Supervise the maintenance of the equipment and materials, reporting any problems promptly.

#### Support and Develop Pupils:

- Inspire and mentor pupils to pursue careers or further education in the fields of design, technology and engineering.
- Support pupils with individual learning plans as needed.

#### Professional Development:

- Stay up to date with industry trends and technological developments, incorporating them into the curriculum.
- Participate in professional learning activities and contribute to the development of the department.

#### Collaboration:

- Work closely with colleagues to plan interdisciplinary projects and whole school initiatives.
- Communicate effectively with parents, guardians and stakeholders regarding pupils' progress and achievements.





# PERSON SPECIFICATION

## QUALIFICATIONS

### ESSENTIAL

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- Bachelor's Degree in Design and Technology, Engineering, or related field.
- Teaching qualification (eg, PGCE, QTS, or equivalent).
- Strong knowledge of design principles, engineering concepts, and relevant technologies.
- Proficiency in CAD software and digital manufacturing tools.
- Effective classroom management skills and enthusiasm for pupil-centred learning.

### DESIRABLE

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- Experience of teaching a wide range of age groups (eg secondary and post-16).
- Knowledge of programming languages or robotics systems (eg Microbit, Arduino, Raspberry Pi).
- Previous experience in a professional design or engineering environment.

### MAIN COMPETENCIES:

Excellent communication and interpersonal skills.

Strong organisational and planning skills.

An innovative approach with the ability to motivate and engage pupils.

Dedication to fostering diversity, equality and inclusion in education.

### WHAT WE OFFER:

Competitive salary and benefits package.

Access to professional development opportunities.

First class facilities and resources.

A supportive and collaborative teaching environment.





# 2024–2025 PRIORITIES

## Priority 1 (Attendance)

Improving pupils' attendance including pupils who are disadvantaged

## Priority 2 (Readiness to learn)

Develop procedures to promote positive attitudes to learning in order to allow progress

## Priority 3 (Teaching and Learning)

Develop an effective pedagogical model in order to embed the culture of high challenge and support

## Priority 4 (Progress)

Promote learners' progress by developing effective methods of assessment and responding to feedback across the school

## Priority 5 (Leadership)

Support leaders in evaluating the school's work in order to identify opportunities to move the school forward

## Priority 6 (Pupil Voice)

Embed the voice of our learners in order to ensure a strong influence on the school's provision and decisions

