



Uned ymholi/Enquiry unit: Unit 8:

You should already know...

- How to calculate **area** and **perimeter** of rectangles and triangles
- How to use **units** appropriately
- What the four **transformations** are
- How to plot **coordinates** in the four

Yn ystod eich taith mi fyddwch yn...

In this unit you will revise...

- There are 4 types of **transformation**. **Reflection, rotation, translation** and **enlargement**.
- How to transform shapes by **following instructions**

Describe a transformation using correct mathematical **terminology**

How to name **horizontal** and **vertical lines**

In this unit you will learn...

- How to derive and apply the formulae for the **volume** of simple prisms
- How to **enlarge** shapes from a **given point**
- How to use **fractional scale factors**

Yr ydym ar y daith hon i...

We are on this journey to...

- take part in physical activity
- connect and apply their knowledge and skills to create ideas and products
- think creatively to reframe and solve problems
- can communicate effectively in different forms and settings, using both Welsh and English



In your f.....

- Landscape Artist
- Architect
- Construction worker/builder
- Mathematician

Eich tasgau/Your tasks:



Tasg/k 1: Homework

Tasg/k 2: Assessment

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Key Words/ Geiriau Allweddol

- Transformations - **Trawsnewidiadau**
- Reflection - **Myfyrdod**
- Rotation - **Cylchdro**
- Translation - **Sifft**
- Enlargement - **Helaethiad**
- Horizontal - **Llorweddol**
- Vertical - **Fertigol**
- Volume - **Cyfaint**