



## Uned vmholi/Enquirv unit: Unit 5: Going Through Changes

### You should already know...

About reflection of 2D shapes  
About symmetry of 2D shapes  
The difference between 2D and 3D shapes

### Yn ystod eich taith mi fyddwch yn dysgu...

#### During your journey you will learn...

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**

Investigate 3D shapes

Concepts of volume and surface area

### 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

communicate effectively in different forms and settings, using both Welsh and English



### In your future...

Landscape Artist

Architect

Construction worker/builder

Mathematician

### Key Words/ Geiriau Allweddol

Transformations -

#### Trawsnewidiadau

Reflection - **Myfyrdod**

Rotation - **Cylchdro**

Translation - **Sifft**

Enlargement - **Helaethiad**

Horizontal - **Llorweddol**

Vertical - **Fertigol**



### Tasg/k 1: Homework

Tasg/k 2: Do you have the correct equipment? %