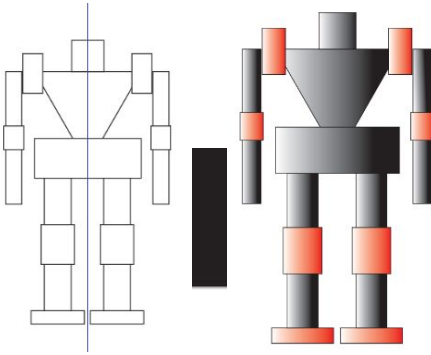
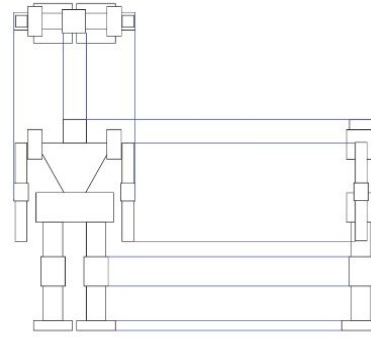


# Graphics Paper Robot Project KS3 Y7 rotation

1) Design a Symmetrical Figure using Geometric Shapes.



2) Present your Robot in Orthographic and Isometric Projection



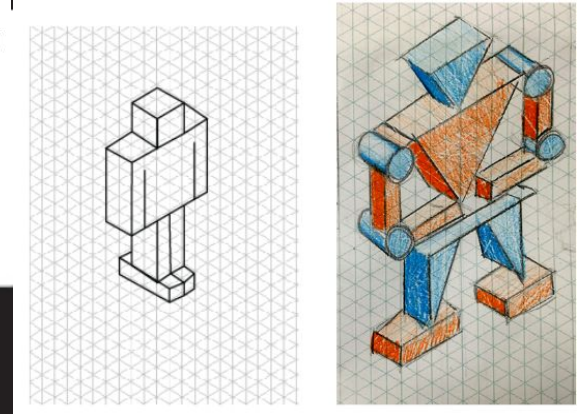
**KEYWORDS- Precision**

Accurate Geometric Symmetry  
 Line Shape Design Orthographic  
 Viewpoint Net  
 Volume Construct Perspective  
 Isometric

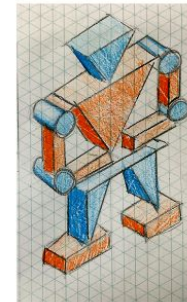
**Equipment- KEYWORDS**

A4 Cartridge paper  
 Rulers  
 Set Square  
 Erasers  
 Sharpners  
 Colour Pencils  
 Isometric paper  
 Scissors  
 PVA  
 Construction paper

3) Experiment with nets and paper volumes and them



4) Construct your Robot from Nets



**GCSE PROGRESSION**

**KEY SKILLS & PROCESSES**

1. How to draw geometric shapes with accuracy, use measurements, and symmetry to generate a design.
2. How to project a design Isometrically and orthographically.
3. How to render gradients with colour pencil in order to enhance a design.
4. How to construct paper volumes from flat nets.
5. How to use PVA to permanently bond card surfaces together with precision.