

Year 7 - Mini Robot Progress Page

Working Towards	Expected Standard	Reaching Greater Depth
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To achieve 'Expected Standard' you can....	WT	ES
ES1. Name and give correct uses for the tools and machinery needed for this project.		
ES2. State what <u>accurate</u> means.		
ES3. Communicate how to work safely in the workshop.		
ES4. Research types of robots and complete simple drawings in your booklet.		
ES5. Design a robot using the full space on the page, adding colour and some simple labels.		
ES6. Use the correct tools to draw a straight line on a piece of wood and cut it out within a 5mm tolerance.		
ES7. Use the correct tools and materials to create the robot you have designed. The completed robot will be <u>similar</u> to your design with some changes such as sizing/colour/details.		
ES8. Add wax/stain to your robot neatly with minimal brushstrokes visible and surface decoration such as nuts/bolts used effectively.		
To achieve 'Greater Depth' you can ...	GD	
GD1. Define accurate and explain why it is important correctly.		
GD2. Research styles of robot and accurately draw them in your booklet with a high level of detail and competent drawing style.		
GD3. Design a robot using the full space on the page, with lots of detail in the drawing and colour added appropriately. Accurate measurements are given and annotations <u>clearly explain</u> each part of the design.		
GD4. Use the correct tools to draw a straight line on a piece of wood and cut it out accurately (No tolerance).		
GD5. Use the correct tools and materials to create the robot you have designed. Your robot will look the same as your design and be accurate to the measurements you gave. Any changes can be reasonably explained (ie. 'Had to make arm section larger to fit 6mm dowel').		
GD6. Add wax/stain neatly with all colour in the correct areas and no brush strokes or drips visible. Surface decoration such as nuts/bolts used to enhance the design.		