

YEAR 6 I can skills and knowledge statements to help inform scholar pack assessment

- **ALL** statements for each project **AND** a **FLAIR** and **ENTHUSIASM** for the topic = working above (some statements are aimed at working above)
- **MOST** to **ALL** statements for each project = working at
- **SOME** statements for each project = working below

I can statements
<u>Fabric Christmas ornament</u>
Can I design my ornament using a design criteria about measurements, sewing, appearance and user?
Can I use multiple sketches, pictures, explanations and ideas to design my final product?
Can I explore, practice and challenge myself with different sewing techniques then decide which to use?
Can I communicate and develop one idea using a detailed diagram?
Can I explain which sewing technique I will use and why?
Can I use my sewing technique with precision, competence and independence and make sure my stitches are close together so the stuffing doesn't fall out?
Can I make and use a template effectively and understand its use?
Can I use scissors to cut with independence and make smooth lines?
Can I evaluate my product saying what went well and what I would improve and listen to others advice?
Can I make an attractive design that is suitable for the user?
Can I draw accurate diagrams with correct labels, arrows and explanations for my design?
Can I correctly identify definitions for key terms and use them in my designing and planning?
Can I research and explore existing products and develop a design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals?
Can I work collaboratively to peer evaluate?
Can I use sketch pad or some ICT to aid and explore my design?
<u>Making a movable car with an electric motor</u>
Can I design a movable car with electric motor using multiple sketches, measurements, labels and ideas?
Can I create a design criteria that incorporates measurements, user, function, appearance etc.
Can I evaluate and explore existing products, ideas and circuits to inform my decisions?
Can I work collaboratively with others to come to decisions and work equally?
Can I explore, understand and explain the electrical circuit I will use?
Can I explore, understand and explain the axels, structure and joins needed for a successful product?
Can I demonstrate that I have secure joins, correct dimensions, functioning circuit and wheels?
Can I use tools and equipment competently to produce a movable car with an electric motor? (e.g. tape, crocodile clips, metal wires, elastic bands, glue etc.)
Can I create a car that is attractive and appearance fits the user and function?
Can I test my product and evaluate its quality?
Can I evaluate my product against the design criteria and explain how it has/has not met it?
Can I evaluate my peer's products?
<u>Making a wooden bird box for sale</u>
Can I design my product using multiple sketches, measurements, technical vocabulary and labels?
Can I create a design criteria that incorporates measurements, appearance, durability, finish and user?
Can I think about wastage and cost in being efficient with my products dimensions?
Can I explore a range of existing products/ images and explain what my product needs to be successful?
Can I use tools correctly and safely with little adult guidance and modelling e.g. bench hook, saw, tape measure, glue etc?
Can I create a product that is stable, has strong and lined up joins, no large gaps etc.?
Can I create a product that is appealing/relevant to the user?

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Can I use decorative tools e.g. pens, paints etc with precision to create an attractive finish?
Can I explain how my product has/has not met the design criteria?
Can I evaluate my product explaining what went well and what to improve next time?