

## **YEAR 5** 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

<b>I can statements</b>
<b><u>Wooden picture frame</u></b>
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 explore a range of existing products and images to understand and explain what my product needs to be successful?
Can I use tools correctly and safely with some adult guidance and modelling e.g. bench hook, saw, tape measure, glue etc?
Can I create a product that is stable, has strong joins and stands up right/can hang securely on wall?
Can I create a product that is appealing/relevant to the user?
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?
<b><u>Making a pneumatic toy</u></b>
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 use research 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 and as an equal member in a team/partnership?
Can I use sketch pad or some ICT to aid and explore my design?
Can I communicate and develop one idea using a detailed diagram?
Can I select appropriate equipment and materials to build a working pneumatic system?
Can I assemble my pneumatic system correctly to create the desired motion?
Can I understand and explain with correctly vocabulary, how a pneumatic system works?
Can I evaluate my product and listen to the views of others to adapt my product?
<b><u>Fabric walkers pouch</u></b>
Can I design my pouch using a design criteria about measurements, sewing, appearance and user?
Can I use multiple sketches, pictures and ideas to design my final product?
Can I label my design using specific vocabulary?
Can I explore and practice different sewing techniques before deciding which to use?
Can I explore and research different existing products and use these to inform my design ideas?
Can I explain which sewing technique I will use and why?
Can I use my sewing technique with competence and independence and rectify mistakes?
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?