

Year group 7	Subject: Monster Backpack
National Curriculum	Students select from and use specialist tools, techniques, processes, equipment and machinery precisely. They can select from and use a wider, more complex range of materials and components, taking into account their properties.
Rationale	Students have limited and varied experiences of DT in Primary school due to lack of facilities and expertise. We want them to gain experience and confidence in different materials, tools and machines. Our third project involves softer materials such as fabric and thread. Students experience cutting, shaping, assembling, and finishing using fabric materials. We would like students to have respect for all materials, challenging some traditional gender bias. Students get more creative choice in this project and are able to build on their own prior knowledge and skills independently, as there tends to be a larger range of prior experience with fabric materials.
Vocabulary:	Keywords - Design Brief, Specifications, Design Fixation, Complementary colours, Embroidery, Non woven, Knitted, Woven, Embellishment, Properties, Reflective
Cultural Capital:	Students should be able to understand the properties of fabrics to inform choice, and feel comfortable being able to repair products by sewing including the use of buttons.
Key assessments- name the assessments	Students produce a practical outcome to demonstrate sewing ability. Peer assessed. Assessment sheet relating to EDSM to show attainment and progress over the module.
What do children know/ can do now (EDSM)	Be able to sew on buttons and make stitches to repair or make fabric products. Understand that different fabrics have different properties. Understand the use of reflective fabrics in the design of effective safety products. Be able to apply applique to create interest.