

# Cycle A Art and Design and Technology Whole School Summer 2

	Year 1/2	Year 3/4	Year 5/6
Summer 2	<div><p><b>Stable Structures</b></p><p>The diagram shows a toy car garage. It consists of a cardboard box with a gap cut into it, labeled 'gap wide enough for cars'. A cardboard ramp with raised sides leads into the gap. The structure is supported by wooden cotton reels acting as legs. Labels include: 'cardboard box', 'gap wide enough for cars', 'cardboard ramp with raised sides', 'wooden cotton reel', and 'legs'.</p></div> <p>To explore the features of stable structures, including toy car garages.</p> <p>To design and plan a stable structure</p> <p>To explore a range of materials and make decisions based on the end product.</p> <p>To follow a design plan and make a product</p> <p>To evaluate products.</p>	<div><p><b>Light-Up Signs</b></p><p>A glowing neon sign with the words 'Good Times' in a cursive, script font. The sign is illuminated with a bright pink/purple light.</p></div> <p>To investigate and analyse illuminated signs.</p> <p>To understand how LEDs may be used instead of traditional incandescent bulbs in series circuits.</p> <p>To develop ideas for a decorative illuminated sign.</p> <p>To select and use tools, equipment, materials and components to make the enclosure of a decorative illuminated sign</p> <p>To construct a working circuit with one or more lights, and fit it in a decorative illuminated sign.</p> <p>To investigate ways in which computers can be used to program and control lights in a product.</p>	<div><p><b>Fashion and Textiles</b></p><p>A collage of various clothing items, including dresses, skirts, and tops, arranged in a vertical column. The items are in different colors and styles, including a yellow dress, a blue skirt, and a striped top.</p></div> <p>To investigate and analyse items made using textiles: the materials used and how they are made.</p> <p>To explore some ways in which textiles are joined and decorated.</p> <p>To design an item made using textiles, and draw pattern pieces.</p> <p>To use pattern pieces to measure, mark and cut fabric; to sew design elements according to a design.</p> <p>To join fabric pieces by hand sewing</p> <p>To sew hems on an item made using textiles; to add design details.</p>