

Year Aut 2- Parks and Playgrounds Theme- <b>Connecting and designing</b>	<b>Knowledge -Technical</b>	<b>Skills Design/Make/Evaluate</b>	<b>Assessment Opportunities</b>	<b>Key Vocabulary Questions</b>	<b>Resources</b>	<b>Project/Intended outcome</b>
Rec	<p>-How to use tools safely- scissors, glue and sellotape dispenser -How to bend and fold paper and card to begin to make structures that can stand up -Understand how playground equipment works- trip to Alice Holt -Identify materials in real world playground equipment</p>	<p><b>Design</b> – Draw/ adult to scribe ideas <b>Make</b> - Safely use and explore a variety of materials (paper and card), tools(scissors, glue stick ,sellotape dispenser and glue spreaders ) and techniques (joining, bending / folding)experimenting with design, form and function <b>Evaluate</b>- Identify examples of playground equipment at Alice Holt - Say whether their product works as the real version does.</p>	<p>Can children select and use tools and materials safely and with control (PD/EAD) Do children have own ideas/ can communicate them about form and function?(EAD) Can children test ideas and say whether they work? (CEL) Can children change their approach/ persist when challenges occur? (CEL)</p>	<p>How can the parts move? What do you like about your model? Plan Join Strong Better Work Use</p>	<p>Paper Card Scissors Glue stick Sellotape/ dispenser PVA Glue spreaders</p>	<p>Design and make a piece of playground equipment using paper and card.</p>
Year 1	<p>As above plus -How to build structures that stand up to represent real life purpose -How to begin to use simple triangle based</p>	<p><b>Design</b>- Draw and write simple captions to identify materials and techniques <b>Make</b>- . Safely use and explore a variety of materials (different card thicknesses), tools (as above plus</p>	<p>Can children produce a design identifying materials and joining techniques? Do the model parts move freely?</p>	<p>How will your model stay strong? How can you improve it? Cut Join Shape</p>	<p>As above plus Range of card thicknesses Stapler Split pins Blu tac</p>	<p>Design and make a piece of playground equipment for a small world play person using a range of card thickness and a range of joining techniques.</p>

	mechanism for see-saw, slide, swings	stapler), techniques (joining using stapler and split pins) <b>Evaluate</b> - Explore existing products –identify and look at purpose of playground equipment during trip to Alice Holt plus small world representations. -evaluate their own product and suggest some improvements	Is the model stable and strong?	Stronger Stiffer More stable Design Purpose		
Year 2	As above plus -How to build structures that are strong, stiff and stable e.g. using a range of triangle bases to represent real life purpose	<b>Design</b> – Draw, label and write captions to identify materials, techniques and purpose for playground equipment <b>Make</b> - . Safely use and explore a variety of materials (different stiff card/ soft wood, wooden sticks), tools (as above glue gun)and techniques (joining using glue gun)- <b>Evaluate</b> - Explore existing products – look at purpose, materials and design of playground equipment during trip to Alice Holt plus small world representations. -evaluate their own and others products -build an improved product based on evaluations	Can children identify how playground equipment appeals to children? Can children make suggestions as to how to improve their prototypes? Can children select and use a variety of tools, materials and techniques?	What would another child think about playing with your Lego person and model? How can you improve it? Vocabulary as above but also Evaluate Purpose	As above plus glue gun, double sided tape	Make a prototype, design and make a piece of playground equipment for a Lego person using a range of card thicknesses and soft wood exploring arrange of joining techniques.