



BILSTON CHURCH OF ENGLAND PRIMARY



MEDIUM TERM PLANNING

Subject	Topic/Key Question	Year Group	Term	Time Allocation
Computing (Skills Lesson)	Digital Design	6	Autumn 2	6 hours
 Software/App – Sketch up				
 Vocabulary <ul style="list-style-type: none">• Ideas board• mood board• scale• push• pull• midpoint• arrow tool• orbit• spin• translucent				

Lesson Sequence	Time Allocation	Key Question/W ALT	Teaching Activities	Resources
Lesson 1	1 hour	WALT: plan a 3D design	<p>In this lesson children will:</p> <ul style="list-style-type: none"> ➤ Be introduced to the Grand Designs project. (Alternatively link this project to a current curriculum area). ➤ Agree to the design brief. ➤ Understand that technology is used in design. ➤ Understand 2D nets can be used to form 3D objects. ➤ Use pencil and paper techniques to support the planning process. 	<p>Powerpoint to introduce the project.</p> <p>Planning and design sheet.</p>
Lesson 2	1 hour	WALT: plan interiors	<p>In this lesson children will:</p> <ul style="list-style-type: none"> ➤ Refine designs and make changes based on feedback. ➤ Use pic collage to think about wallpaper designs/colour themes etc. ➤ Create a pic collage with words sharing designs. ➤ Save designs and ideas to print and for retrieval later. 	Pic collage
Lesson 3	1 hour	WALT: use software to create a design.	<p>In this lesson children will learn to:</p> <ul style="list-style-type: none"> ➤ Draw to scale. ➤ Use digital tools such as sketch-up to create a design. ➤ Add features to their design. ➤ Learn how to repeat features. ➤ Draw shapes to create a digital design. ➤ Work with others and collaborate to modify designs. 	<p>https://www.kidscodex.com/sketchup-projects/</p> <p>Sketch-up Basics PDF</p>

Lesson 4	1 hour	WALT: use software to create a design.	<p>In this lesson children will continue to:</p> <ul style="list-style-type: none"> ➤ Draw to scale. ➤ Use digital tools such as sketch-up to create a design. ➤ Add features to their design. ➤ Learn how to repeat features. ➤ Draw shapes to create a digital design. ➤ Work with others and collaborate to modify designs. 	<p>https://www.kidscodex.com/sketchup-projects/</p> <p>Sketch-up Basics PDF</p>
Lesson 5	1 hour	WALT: use software to create a design.	<p>In this lesson children will continue to:</p> <ul style="list-style-type: none"> ➤ Draw to scale. ➤ Use digital tools such as sketch-up to create a design. ➤ Add features to their design. ➤ Learn how to repeat features. ➤ Draw shapes to create a digital design. ➤ Work with others and collaborate to modify designs. ➤ Print work for display. 	<p>https://www.kidscodex.com/sketchup-projects/</p> <p>Sketch-up Basics PDF</p>
Lesson 6	1 hour	WALT: present designs	<p>In this lesson children will:</p> <ul style="list-style-type: none"> ➤ Select known software to present their projects. ➤ Retrieve images from the computer to add to the presentation. ➤ Cost their project. ➤ Add sound and Voiceovers. ➤ Use animation in slides. 	<p>Adobe spark pages</p>

			<ul style="list-style-type: none">➤ Combine a range of software pages.➤ Evaluate features and suitability of their design and the designs of their peers.	
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