

This document contains details of how the subject is sequenced over the years of delivery. Included are assessment points and the prior learning that will be included in these assessments. It also includes where topics are revisited to maximise student retrieval and retention. Along with curriculum content, opportunities to develop links with careers are also identified in order to bring the relevance of the curriculum into the wider life context.

## Curriculum Intent Statement

Students who have chosen to study 3D Design at BBG, develop and build on the skills already learnt through Key stage 3 for their pre-option year. The techniques selected to produce in practical lessons are chosen to develop specific skills.

Students will draw on the work of artists and key design periods to help inspire and develop their ideas to produce a range of outcomes. This could include working with a range of materials such as polymers, clay, woods and metals.

Students will learn and develop manufacturing techniques and build confidence using several pieces of workshop equipment. Some of the techniques learnt will be laser cutting, finishing techniques, modelling and CAD programs.

## Year 9

### Year 9 assessment dates

Assessment week 1 – 08.12.2025

Assessment week 2 – 23.03.2026

Term	Content	Sequencing	Assessment	Careers links & Experiences
Summer 2	<p><b>Topic: Introduction to 3D design</b></p> <ul style="list-style-type: none"> <li>Continue to develop an understanding of the subject</li> <li>Health and safety within the classroom</li> <li>Introduction to developing a sketchbook</li> <li>Develop the understanding of A01-A04</li> </ul>	<p><b>Previous skills built on in this topic:</b> Sketchbook presentation</p> <p>Building on the skills learnt during Year 7 and 8 which includes their own sketchbook development, skills and techniques.</p>	<p><b>Consolidation/Summative assessment:</b></p> <p>Continuous Verbal feedback throughout practical sessions.</p> <p>Specific links to assessment objectives where appropriate.</p> <p>Self-assessment through annotations.</p> <p>Constant self-reflection.</p> <p>Teacher whole class feedback.</p>	<p>Experience of 3D qualifications</p> <p><a href="#">GCSE 3D Design 2022 - YouTube</a></p>
Autumn 1	<p><b>Topic: Sketchbook presentation</b></p> <ul style="list-style-type: none"> <li>Introduction to a project covering A01-A04 (Yinka Ilori Clock project)</li> <li>Design brief and analysis of project</li> <li>Introduction to the Artist 'Yinka Ilori'</li> <li>Yinka Ilori mixed media work</li> </ul>	<p><b>Key words:</b></p> <ul style="list-style-type: none"> <li>Mondrian</li> <li>Composition</li> <li>Computer Aided Design</li> <li>Annotation</li> <li>Development</li> </ul>	<p>Assessment week 1 – 08.12.2025</p> <p>Assessment week 2 – 23.03.2026</p>	<p>What does an architecture degree involve?</p> <p><a href="#">It's not too late to apply - University of Huddersfield</a></p>
Autumn 2	<p><b>Topic: Focus- Designing</b></p> <ul style="list-style-type: none"> <li>Design ideas for outcome</li> <li>SCARED development</li> <li>CAD introduction and development of skills</li> </ul>			<p>A career in 3D design</p> <p><a href="#">Is 3D Modeling a Good Career (youtube.com)</a></p>
Spring 1	<p><b>Topic: AO4- outcomes</b></p> <ul style="list-style-type: none"> <li>CAD work to design final piece</li> <li>Laser cutting skills development</li> <li>Plastic assembly of final response</li> </ul>	<p><b>Non-negotiables:</b> Teacher demonstration work book. Exemplar materials within PowerPoint. Use of visualiser to support technique.</p>		<p>A career in CAD</p> <p><a href="#">Who is a CAD Drafter   Things You need to know about CAD Drafters (youtube.com)</a></p>

<p><b>Spring 2</b></p>	<p><b>Topic: Skills development</b></p> <ul style="list-style-type: none"> <li>• Mondrian introduction</li> <li>• Artist study focus with mixed media</li> <li>• Presentation input</li> </ul>	<p>Physical demonstration of key skills</p>		<p>Visit from a professional in industry</p>
<p><b>Summer 1</b></p>	<p><b>Topic: Aspire- next steps</b></p> <ul style="list-style-type: none"> <li>• Annotation</li> <li>• Introduction to GCSE and expectations</li> </ul>			<p>Q&amp;A on creative careers</p>