

Curriculum on a page DT

DT	Autumn Term	Spring term	Summer term	Assessment of learning	Enrichment
Year 7	Baseline test – Generic what do you know test, used to guide future learning. Keyring project – Acrylic CAD/CAD and hand finishing skills used.	Keyring project – Acrylic CAD/CAD and hand finishing skills used.	2D Design CAD/CAM- CAD drawing unit, pupils introduced to new software. pupils will research villas, then will use new skills to	Pupils follow the design process in order to research, analyze, design and develop their choices. These elements will be marked and feedback given on what went well and also how to improve each area. All practical skills covered during the make process will be reviewed and summarized in a new practical skills log. Ks3 Pupils will work 18 weeks in FT then swap to DT, getting 1 hour a week all year.	Links to DT club, maths and CAD club
Year 8	Knowledge check –Summary of previous years' work. Picture frame project – Pine personalised frame using CAD/CAM and traditional making skills.	Picture frame project – Pine personalised frame using CAD/CAM and traditional making skills.	Google SketchUP – CAD drawing unit, pupils introduced to new software. pupils will research villas, then will use new skills to produce a 3D design		Links to DT club, maths and CAD club
Year 9	Knowledge check –Summary of previous years' work Electronics USB light – Electronics unit using LEDs and acrylic housing personalised to a client.	Revit – CAD Bungalow – CAD unit looking around 3D modelling prototyping to a design specification and end user.	MicroBits – Pupils to develop coding skills linked to a pocket-sized computer that introduces how software and hardware work together, using a range of outputs.	Pupils will use this to show an understanding of what skills they have undertaken during each of their projects	Links to DT club, maths and CAD club
Year 10	Intro into new course – look at units, specification and how grades are awarded. Pupils will cover Unit 1 , 1.1, 1.2, 1.3. Unit 2 , 2.1, 2.2, 2.3, 2.7 from the course specification in the first term lessons. Mini assessment tasks throughout	Pupils will continue to work through the course specification. Pupils will cover Unit 1 , 1.4, 1.5, 1.6. Unit 2 , 2.4, 2.5, 2.6 from the course specification in the first term lessons. Mini assessment tasks throughout	Pupils will continue to work through the course specification. Pupils will cover Unit 1 , 1.7, 1.8. Unit 2 , 2.6, 2.7, 2.8 from the course specification in the first term lessons. Mini assessment tasks throughout Pupils will start to prep for the upcoming Unit 1 mock in May.	Unit 1 - Introduction to the built environment (exam) This unit provides an appropriate foundation insight to the construction sector. Learners are required to demonstrate their knowledge and understanding of eight specified areas of content, all of which are critical to the industry Unit 2 - Designing the built environment (controlled assessment) learners will gain knowledge and understanding of the design of the built environment, encompassing what information is required to produce a drawing, and the different types of media used in both approval and planning of the built environment	Links to DT club, maths and CAD club
Year 11	Unit 2 Designing the built environment – Pupils will recap all skills in a final mock assessment before starting the Unit 2 controlled assessment task for real. This is a large task with 30 assessed hours given to complete all tasks.	Unit 2 Designing the built environment – Pupils will continue with the Unit 2 controlled assessment task for real. This is a large task with 30 assessed hours given to complete all tasks.	Unit 1 – Introduction to the built environment – Pupils have continued to work on theory skills throughout the year but will pick it back up in all lessons straight after pupil's finish Unit 2. Pupils will complete multiple mini mocks and recover key elements of the specification in preparation for the exam in June.		Links to DT club, maths and CAD club

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