KS3 Curriculum – DT

The Ramsey Academy

	Autumn Term															Spring Term										Summer Term													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Year 7 – Story Telling Through 3D and Visual Media	**Topic:** Product Designs Lanterns															**Topic:** Ceramics Dragons											**Topic:** Photography Storytelling												
	Declarative Knowledge: Students are introduced to Product Design. They learn about fundamental skills in Product Design, including sustainability and ergonomics, reflect on sustainability and create lanterns, inspired by a variety of cultures and techniques. Students learn the importance of the designing and planning process and learn how to build in ergonomics in their planning, in order to create a 2D design which will then has to materialise in 3D form.															**Declarative Knowledge:** Students are introduced to Ceramics. They learn key vocabulary and key techniques for slab making, score and slip and mark making and texture techniques. Students build on the designing and planning process they learnt in product design and learn how to use visual and written stimuli, in order to create a 2D design which will then has to materialise in 3D ceramics.											**Declarative Knowledge:** Students are introduced to Photography and learn how to take photos using digital media. They learn how to us lighting and props, in order to take imaginative and creative photos as part of storytelling. Students learn a number of purposeful digital manipulation techniques to enhance their photographs.												
	Non-Declarative Knowledge:															**Non-Declarative Knowledge:**											**Non-Declarative Knowledge:**												
	Assessment: Analysing Designing Producing Evaluating															**Assessment:** Analysing Designing Producing Evaluating											**Assessment:** Analysing Designing Producing Evaluating												
	Curriculum Connection: Building on from minimum experience and knowledge from KS2. Understanding specialist basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards															**Curriculum Connection:** Building on from minimum experience and knowledge from KS2. Understanding specialist basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards											**Curriculum Connection:** Building on from minimum experience and knowledge from KS2. Understanding specialist basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards												

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Year 8 – Still Life and the Every Day	**Topic:** Ceramics Food Pop Art															**Topic:** Photography Still Life Photography										**Topic:** Product Design/Woodwork Tea Bag Holders													
	Declarative Knowledge: Students build on previous knowledge in ceramics and learn new hand building techniques to create organic forms, in the style of artists Claes Oldenburg and Wayne Thiebaud, after a designing process that strengthens their understanding of links between research, design and final products.															**Declarative Knowledge:** Students are introduced to Still Life Photography and essential photographic compositional and lighting techniques within a studio environment. They look at Pop Art Photography for inspiration and learn how to manipulate photographs digitally.										**Declarative Knowledge:** Students build on skills in Product Design, reflect on sustainability and create tea bag holders, whilst considering recycled materials for part of their outcomes. Students learn how to build in ergonomics in their planning and create a purposeful and functional tea box.													
	Non-Declarative Knowledge:															**Non-Declarative Knowledge:**										**Non-Declarative Knowledge:**													
	Assessment: Analysing Designing Producing Evaluating															**Assessment:** Analysing Designing Producing Evaluating										**Assessment:** Analysing Designing Producing Evaluating													
	Curriculum Connection: Building on from Year 7 knowledge on understanding basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards															**Curriculum Connection:** Building on from Year 7 knowledge on understanding basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards										**Curriculum Connection:** Building on from Year 7 knowledge on understanding basic vocabulary and techniques. Process from analysis to making is structed so that students can handle KS4 3D journey comfortably and with high standards													

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Year 9 – Mixed Media (Traditional and the Contemporary)	**Topic:** Photography Camera Less Photography and Digital Manipulation															**Topic:** Product Design/Woodwork Stationery and Phone Holders										**Topic:** Ceramics Tea Light Holders													
	Declarative Knowledge: Students are introduced to camera less photography and the traditional photographic processes of Cyanotypes. They learn some fundamental techniques on portraiture and using digital manipulation, the combine traditional and modern techniques to create creative and exciting outcomes.															**Declarative Knowledge:** Students build on skills in Product Design, reflect on functionality of various materials and create modern stationery holders, reflecting on the needs of a contemporary client. Students build skills on how include ergonomics in their planning and create a purposeful and functional desk tidy.										**Declarative Knowledge:** Students build on previous knowledge on using slabs and score and slip techniques. They reflect on functionality and physics when planning for their tea light holders in the shape of houses and use visual stimuli to create aesthetically pleasing outcomes. They consider the use of mixed media for their final and refined outcomes.													
	Non-Declarative Knowledge:															**Non-Declarative Knowledge:**										**Non-Declarative Knowledge:**													
	Assessment: Analysing Designing Producing Evaluating															**Assessment:** Analysing Designing Producing Evaluating										**Assessment:** Analysing Designing Producing Evaluating													
	Curriculum Connection: Students build on previous knowledge and experience. They make historical and practical connections which is a skill that will help them provide more meaningful and insightful work when in KS4. Students learn new techniques which will enhance their NEA if they were to choose Art, 3D or photography at KS4.															**Curriculum Connection:** Students build on previous knowledge and experience. They make historical and practical connections which is a skill that will help them provide more meaningful and insightful work when in KS4. Students learn new techniques which will enhance their NEA if they were to choose Art, 3D or photography at KS4.										**Curriculum Connection:** Students build on previous knowledge and experience. They make historical and practical connections which is a skill that will help them provide more meaningful and insightful work when in KS4. Students learn new techniques which will enhance their NEA if they were to choose Art, 3D or photography at KS4.													