## fortismere Design & Technology Department - Curriculum Map 2020 - 21

Yr7 (KS3)	Topic Area	Knowledge/skills to be taught.	Resources/support at home
Autumn 1 & 2	KS3	National Curriculum for D&T comprises the following areas:  Designing, Making, Evaluating & Technical knowledge.  Pupils must also learn about Food Preparation, Cooking and Nutrition.	
	Graphic communication or Cooking & Nutrition - Depending on group	DESIGNING - GENERATING, DEVELOPING, MODELLING AND COMMUNICATING IDEAS (DB) MAKING - PRACTICAL SKILLS & TECHNIQUES (MB)  Logo DB3, DB4, DB8, MB1, Orthographic MB6 Oblique / Isometric MB6 Rendering Perspective MB6 Sketchup DB6, DB9, DB11, DB12, MB4 Sketching DB5	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents
		COOKING & NUTRITION  Areas covered:  WHERE FOOD COMES FROM (CNA)  FOOD PREPARATION, COOKING & NUTRITION (CNB)  EVALUATING OWN IDEAS & PRODUCTS (EA)  Restrictions mean that pupils are unlikely to cook in school. Students will watch demos in class (these could also be videoed) and cook at home. Worked well for most pupils during lock down.	
Spring 1 & 2	Structures or or Cooking & Nutrition - Depending on group	EVALUATING - KEY EVENTS & INDIVIDUALS (EC) EVALUATE - EXISTING PRODUCTS (EB) TECHNICAL KNOWLEDGE -MAKING PRODUCTS WORK (TK)	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents
Summer 1 & 2	Mood lamp or or Cooking & Nutrition - Depending on group	DESIGNING - UNDERSTANDING USERS CONTEXTS & PURPOSES (DA) MAKING - PLANNING (MA) TECHNICAL KNOWLEDGE - MAKING PRODUCTS WORK (TK)	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents
Yr8 (KS3)	Topic Area	Knowledge/skills to be taught.	Resources/support at home
Autumn 1 & 2	Graphic communication or Textiles Depending on group	DESIGNING - GENERATING, DEVELOPING, MODELLING AND COMMUNICATING IDEAS (DB) MAKING - PRACTICAL SKILLS & TECHNIQUES (MB) Logo DB3, DB4, DB8, MB1, Orthographic MB6 Oblique / Isometric MB6 Rendering Perspective MB6 Sketchup DB6, DB9, DB11, DB12, MB4 Sketching DB5	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents

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		Textiles - Pin cushion MAKING - PRACTICAL SKILLS & TECHNIQUES (MB) EVALUATING - KEY EVENTS & INDIVIDUALS (EC) EVALUATE - EXISTING PRODUCTS (EB)	
Spring 1 & 2	Card Engineering - Pop-up or Textiles Depending on group	DESIGNING - GENERATING, DEVELOPING, MODELLING AND COMMUNICATING IDEAS (DB) MAKING -PLANNING (MA) MAKING - PRACTICAL SKILLS & TECHNIQUES (MB) EVALUATE - EXISTING PRODUCTS (EB)	Booklet & resources will be available through GC
Summer 1 & 2	Iterative design - Furniture or Textiles Depending on group	DESIGNING - UNDERSTANDING CONTEXTS, USERS AND PURPOSES (DA) DESIGNING - GENERATING, DEVELOPING, MODELLING AND COMMUNICATING IDEAS (DB) EVALUATING - OWN IDEAS & PRODUCTS (EA)	Booklet & resources will be available through GC
Yr9 (KS3)	Topic Area	Knowledge/skills to be taught.	Resources/support at home
Autumn 1 & 2	Graphic communication or Textiles Depending on group	Graphic Communication DESIGNING - GENERATING, DEVELOPING, MODELLING AND COMMUNICATING IDEAS (DB) MAKING - PRACTICAL SKILLS & TECHNIQUES (MB)  Textiles DESIGNING UNDERSTANDING CONTEXTS, USERS & PURPOSES (DA) EVALUATING OWN IDEAS & PRODUCTS (EA)	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents
Spring 1 & 2	Card Engineering - Pop-up or Textiles Depending on group	GENERATING, DEVELOPING, MODELLING & COMMUNICATING IDEAS (DB) MAKING - PLANNING (MA) MAKING - PRACTICAL SKILLS & TECHNIQUES (MB) EVALUATING - EXISTING PRODUCTS (EB)	Booklet & resources will be available through GC
Summer 1 & 2	Iterative design - Furniture / lighting or Textiles Depending on group	EVALUATING - KEY EVENTS & INDIVIDUALS (EC) TECHNICAL KNOWLEDGE - MAKING PRODUCTS WORK (TK)	Powerpoint presentations Supporting materials such as videos Worksheets Homework documents