

St Thomas More RC College Curriculum Topic Overview commencing September 2020

Subject- GCSE Textiles KS4

Week	GCSE Textiles Remote Learning
1	Fabric Origins: Natural fibres v Synthetic and Manufactured fibres.
2	Fabric construction: Knitted woven and bonded.
3	Blending and mixing fibres: Structures/layering and types and performance fabrics.
4	Fabric finishes: Mechanical, physical and biological finishes
5	Specifications: Manufacturing/design and product.
6	Production methods: Manufacturing systems
7	Specialist techniques and processes: Tools and equipment, pattern marking and cutting.
8	Seam construction: Tolerances, seam allowance and edge finishes.
9	CAD and CAM: Digital design, lay planning and manufacture.
10	Surface treatments and finishes: Printing, dyeing, painting and sewing.
11	Smart Materials: Physical or mechanical property reaction to change in environment.
12	Composite Materials: Combining two materials together to enhance properties.
13	Technical Textiles: Engineered with specific performance characteristics.
14	Design and Technology and our world: The impact of new and emerging technologies.
15	Sustainability and environmental issues: Social, cultural, economic and environmental responsibilities.