

5 YEAR MAP OF LEARNING: Design and Technology

SUBJECT LEADER: Mr Kirkbride

FACULTY: Fabricare

Year 7	Year 8	Year 9	Year 10	Year 11
Units - Unit 1 - Graphics - Unit 2 - Textiles (Day of the Dead) - Unit 3 - Resistant Materials (Timber box) Assessment - Graphic skills - Textiles knowledge and practical - Timber knowledge and practical	Units - Unit 1 - Graphics - Unit 2 - Product Design (Maze) - Unit 3 - Product Design (Nightlight) - Unit 4 - Textiles (plant Pot) Assessment - Graphic skills - CAD/CAM knowledge and practical - Timber/Polymers knowledge and practical	Units - Unit 1 - Graphics - Unit 2 - Product Design (Lamp) - Unit 3 - Textiles (Bucket Hat) Assessment - Graphic skills - Design movements knowledge and practical - Textiles techniques, knowledge and practical	Units - Unit 1 - Materials and their working properties - Unit 2 - Specialist units - Unit 3 - Energy, materials, systems and devices - Unit 4 - Common specialist technical principles - Unit 5 - Designing principles Assessment - Knowledge and understanding of materials - Knowledge and understanding of units, energy, systems and devices - Knowledge and understanding of design principles and NEA	Units - Unit 6 - Making principles - Unit 7 - New and emerging technologies - Unit 8 - NEA Assessment - Knowledge and understanding of all areas and NEA - Knowledge and understanding of all areas and NEA - Knowledge and understanding of all areas and NEA