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| **Yearly Overview 2020-2021** | | | | | | | |
| **Subject:** | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year 7** | Materials -  Planning a project using card and pallet wood | Electronics - introduction and simple projects | Plastics and Metals. Introduction and Simple projects | 2D design – introduction, shading, plan draft and complete a simple 2D project | Project planning  Student led small group or class Community project | Garden Project |
| **Year 8** | Materials - Planning a project from a list supplied by teacher using card and pallet wood, with at least 1 wood joint. | Electronics –  Introduction and projects using soldering jointing. | Plastics and Metals – introduction and project design through to producing vacume formed project and metal/wood bird box | 3D design – introduction to lazer machine and 3D technology.  Plan, draft and complete a lazered project | Project planning – community focused small group or class project, project management process | Garden Community Project |
| **Year 9** | Carpentry –  Unit 13 NCFE introduction and L1 Health & Safety (H&S) introduction to tools and materials, project planning and completion. | Bricklaying NCFE unit 09 and H&S - H&S legal responsibilities. Introduction to an accident book. Brickwork introduction to tools and materials, muck mixing and laying bricks level seven courses high. | Painting and Decorating (P&D) and H&S - Unit 10 Using painting skills for interior ceilings and walls, introduction to tools and materials, and project completion. First aid at work. | Plumbing NCFE unit 18 and H&S – introduction to plastic and cooper materials and tools, simple joints and waste introduction.  H&S law. | Plastering NCFE Unit 11 and Plaster Boarding and H&S – introduction to tools and materials and simple boarding techniques. H&S in the workplace | Bricklaying a cavity wall NCFE unit 17 – introduction to various building blocks and construction of a 5 course cavity wall with damp –proof course (DPC) and wall ties. |
| **Year 10** | Carpentry – unit 13 NCFE, project planning, resource gathering and knowledge evidenced and project completion. | Bricklaying NCFE unit 9 – H&S Brickwork introduction to tools and materials, lime and cement muck mixing and laying bricks level seven courses high. | Painting and Decorating (P&D) - Unit 10 Using painting skills for interior ceilings and walls, introduction to tools and materials and com[pletion of project with evaluation. | Plumbing NCFE unit 18 and H&S – introduction to plastic and cooper materials and tools, joints, pipe bending and waste introduction. | Plastering NCFE unit 11 and Plaster Boarding  H&S - introduction to tools and materials , taping, boarding techniques. | Bricklaying a cavity wall NCFE unit 17 - introduction to various building blocks and construction of a 5 course cavity wall with a 45 degree turn including damp –proof course (DPC) and wall ties. |
| **Year 11** | Carpentry Carpentry – unit 13 NCFE, project planning, resource gathering and knowledge evidenced and project completion using various jointing. | Bricklaying NCFE unit 09 and H&S - Brickwork introduction to tools and materials, lime and cement muck mixing and laying bricks with 1 45 degree turn 7 courses high. | Painting and Decorating (P&D) - Unit 10 Using painting skills for interior ceilings and walls, introduction to tools and materials and com[pletion of project, working as part of a team with evaluation. | Plumbing NCFE unit 18 and H&S - introduction to plastic and cooper materials and tools, joints, pipe bending and waste introduction. | Plastering NCFE unit 11 and Plaster Boarding and H&S - introduction to tools and materials , taping, boarding techniques and corner edging. |  |