| **Subject: Design Technology, Engineering and Catering** | | | |
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| **Exam Board:** NCFE VCert Level 1 /2 Technical award in Engineering, OCR Cambridge National Level 1 / 2, Level 1/2 Vocational Award in Hospitality and Catering (Technical Award) | | | |
| **Year Group** | **Unit 1** | **Unit 2** | **Unit 3** |
| **7** | Product design - improving workspaces | Sustainability - ocean plastics | Innovation - robots and the development of AI |
| **8** | Design process and graphic - promoting health products | Sustainability - the environment project | Innovation - smart materials |
| **9** | Product design, computer aided design - protecting people project | Product design - biomimicry project | Innovation - designing an app |
| **10 Catering**  Level 1/2 Vocational Award in Hospitality and Catering (Technical Award) | How to prepare and make dishes  Presentation techniques  Food safety practices  Reviewing of dishes  Reviewing own performance | Hospitality and catering provision  How hospitality and catering providers operate | Health and safety in hospitality and catering  Food safety in hospitality and catering |
| **11 Catering**  Level 1/2 Vocational Award in Hospitality and Catering (Technical Award) | Understand the importance of nutrition when planning menus  Understand menu planning  Be able to cook dishes | Plan production of dishes for a menu  Use techniques in preparation of commodities  Assure quality of commodities to be used in food preparation  Use techniques in the cooking of commodities  Complete dishes using presentation techniques  Use food safety practices. | Understand the environment in which hospitality and catering providers operate  Understand how hospitality and catering provisions operate  Understand how hospitality and catering provision meets health and safety requirements  Know how food can cause ill health  Be able to propose a hospitality and catering provision to meet specific requirements |
| **10 Engineering**  NCFE VCert Level 1 /2 Technical award in Engineering | Computer-aided design (CAD) engineering drawings  Reading engineering drawings Hand-drawn engineering drawings | Engineering disciplines, Applied science and mathematics in engineering,  Properties, characteristics and selection of engineering materials | Engineering tools, equipment and machines , Production planning techniques, Applied processing skills and techniques |
| **11 Engineering**  OCR Cambridge National Level 1 / 2 | R106 Product analysis and research | R108 3D Design Realisation  R105 - Design Briefs, design specifications and user requirements | R07 Developing and presenting engineering designs |