| **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 dishesPresentation techniquesFood safety practicesReviewing 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 menusUnderstand menu planning Be able to cook dishes | Plan production of dishes for a menuUse techniques in preparation of commoditiesAssure quality of commodities to be used in food preparationUse techniques in the cooking of commoditiesComplete dishes using presentation techniquesUse food safety practices. | Understand the environment in which hospitality and catering providers operateUnderstand how hospitality and catering provisions operateUnderstand how hospitality and catering provision meets health and safety requirementsKnow 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 RealisationR105 - Design Briefs, design specifications and user requirements | R07 Developing and presenting engineering designs |