

## KS3 Curriculum Plan

| Year 7    | TOPIC                | LP1   | LP2   | LP3   | LP4  | LP5   |
|-----------|----------------------|---|---|---|--|---|
|           |                      | <i>Develop and explore ideas through investigations, demonstrating a critical understanding of sources</i>                            | <i>Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.</i>                 | <i>Record ideas, observations, and insights relating to the design process</i>  | <i>present a personal and meaningful response that demonstrates analytical and critical understanding</i>                            | <i>review and refine personal response, demonstrating an understanding of methods and techniques.</i> |
|           | Knowledge            | Knowledge gathering on practical rooms, equipment and process'. Showing an understanding of the science of technology.                | Create successful research on contemporary designers and applicable design movements to create a successful outcome using a range of materials. | Recognise health and safety practices in technology and apply previous knowledge to design and execute a dish according to a brief. | Exploration of design factors, sustainability issues and health concerns to construct a successful project against the design brief. | Evaluate the practical process', iterative design process and outcomes against the design brief.      |
|           | Procedural Knowledge | Record from applicable research, refining practical skills and processes to recognise a successful design measured against the brief. |   |   |  |   |
| Key Vocab |                      | Balanced diet, nutrition, eatwell plate.  | Natural, Synthetic, Manufactured, Pop Art   | Nutrition, Dietary Needs, Intolerance, Allergy, Gluten, Personal Activity Level   | Design Brief, contemporary design and research   | iterative design, refine  |

| Year 8    | TOPIC                | LP1   | LP2   | LP3   | LP4  | LP5   |
|-----------|----------------------|---|---|---|--|---|
|           |                      | <i>Develop and explore ideas through investigations, demonstrating a critical understanding of sources</i>                            | <i>Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.</i>                 | <i>Record ideas, observations, and insights relating to the design process</i>  | <i>present a personal and meaningful response that demonstrates analytical and critical understanding</i>                            | <i>review and refine personal response, demonstrating an understanding of methods and techniques.</i> |
|           | Knowledge            | Knowledge gathering on practical rooms, equipment and process'. Showing an understanding of the science of technology.                | Create successful research on contemporary designers and applicable design movements to create a successful outcome using a range of materials. | Recognise health and safety practices in technology and apply previous knowledge to design and execute a dish according to a brief. | Exploration of design factors, sustainability issues and health concerns to construct a successful project against the design brief. | Evaluate the practical process', iterative design process and outcomes against the design brief.      |
|           | Procedural Knowledge | Record from applicable research, refining practical skills and processes to recognise a successful design measured against the brief. |   |   |  |   |
| Key Vocab |                      | Food Poisoning, Allergies, Intolerance  | Geometric, Angles, CAD, CAM, Iterative Design   | iterative process, identification of hazards and issues   | Design Brief, contemporary design and research   | Iterative design, Refine, ACCESS FM   |

| Year 9    | TOPIC                | LP1   | LP2   | LP3   | LP4  | LP5   |
|-----------|----------------------|---|---|---|--|---|
|           |                      | <i>Develop and explore ideas through investigations, demonstrating a critical understanding of sources</i>                            | <i>Refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes.</i>                 | <i>Record ideas, observations, and insights relating to the design process</i>  | <i>present a personal and meaningful response that demonstrates analytical and critical understanding</i>                            | <i>review and refine personal response, demonstrating an understanding of methods and techniques.</i> |
|           | Knowledge            | Knowledge gathering on practical rooms, equipment and process'. Showing an understanding of the science of technology.                | Create successful research on contemporary designers and applicable design movements to create a successful outcome using a range of materials. | Recognise health and safety practices in technology and apply previous knowledge to design and execute a dish according to a brief. | Exploration of design factors, sustainability issues and health concerns to construct a successful project against the design brief. | Evaluate the practical process', iterative design process and outcomes against the design brief.      |
|           | Procedural Knowledge | Record from applicable research, refining practical skills and processes to recognise a successful design measured against the brief. |   |   |  |   |
| Key Vocab |                      | Research, Design & Practical application  | Hardwoods, Softwoods, Density, Deforestation  | Seasonality, Food Miles, World Celebrations   | Design Brief, contemporary design, Sustainability  | iterative design, refine, ACCESS FM   |