

| | |
|---------------------------|--------------|
| Subject | DT Food |
| Term | Rotation 1 |
| Duration (approx.) | 8 weeks |
| Module | Perfect Pies |

During the module pupils' performance will be judged against the AO's as they are completed.

Summative Assessment

All KS3 D&T projects are formally assessed at the end of each unit when an overall judgment will be made on:

- Acquiring skills
- Developing skills
- Proficient skills
- Excellent skills

Skills and concepts to be developed and assessed (linking to identified AOs)

- Apply principles of food hygiene and safety when preparing dishes
- Demonstrate a range of food preparation and cooking techniques
- Adapt and develop a recipe
- Fruit and Vegetable preparation
- Using a range of Pastry types
- Skills of shaping, rolling, finish and decoration of dishes
- Selection of ingredients considering suitability and cost

Building Retention: What prior learning must be built upon/revisited and how will it be assessed?

This unit will build on the design and practical skills taught and knowledge of equipment and processes used in YR7 & 8.

The module will assume that all pupils will have had some experience of cooking previously at school or in the home. However no prior knowledge is required for a pupil to fully access the course.

Factual knowledge to be taught and assessed (including subject specific vocabulary)

- Local and seasonal products, Food miles
- 6 R's
- Selection of local and seasonal ingredients linked to individual recipes
- Adapt a recipe to suit a design idea
- Plan order of work for making chosen dish
- Nutritional analysis of selected ingredients/dish
- Sensory evaluation of products using star profile
- Further developments of chosen product
- Costing of dishes

Spelling-Punctuation-Grammar How will you promote high standards within this module?

Written work is checked and corrected using school policy (2017) and literacy codes. Keyword sheets are completed by students, check and corrected as necessary. Work will adhere to the school and department policy for presentation.

Formative Assessment/key piece of work prior to end of unit:

In this module we will be assessing the following:

AO1: Designing skills- D1, D3

AO2: Making skills- M1, M2

AO3: Evaluating- E3

AO5: Cooking and Nutrition – N1, N2, N3, N4

NB: the codes refer to the specific areas within each assessment objective (AO) in the 'national curriculum'

Link forward: where next for the learning?

In Yr9 pupils will experience Food Technology, Graphics and Resistant Materials during a rotation over Autumn and Spring terms. These will be approximately 8 weeks per subject. Pupils will do their preferred subject (if available during an option preference process) or KS4 option subject in YR9 Summer term. This will be used to start teaching the D&T KS4 option specifications.

| | |
|---------------------------|-----------------------------------------|
| Subject | DT Graphics |
| Term | Rotation 1 |
| Duration (approx.) | 8 weeks |
| Module | 'Fascination' Packaging/POS stand |

Summative Assessment

All KS3 D&T projects are formally assessed at the end of each unit when an overall judgment will be made on:

- Acquiring skills
- Developing skills
- Proficient skills
- Excellent skills

Skills and concepts to be developed and assessed (linking to identified AOs)

- Writing specifications
- Researching
- Typography & Logo work
- Generating designs, modeling & testing
- Crumble (lighting software)
- Using Serif Drawplus (design software)
- Laser cutter (2D design)
- Working with paper and board

Factual knowledge to be taught and assessed (including subject specific vocabulary)

- Design movements
- History of packaging
- Environmental concerns (6R's)
- Functions of Packaging & POS stands
- Designers responsibilities - Moral, social and cultural issues
- Needs of the user
- Packaging symbols
- Health and safety
- Key words and their definitions
- Evaluations

Formative Assessment/key piece of work prior to end of unit:

In this module we will be assessing the following:

AO1: Designing skills- D2, D3, D5,
AO2: Making skills-M1,
AO3: Evaluating-E1, E3
AO4: Technical Knowledge-T1, T4

NB: the codes refer to the specific areas within each assessment objective (AO) in the 'national curriculum'

During the module pupils' performance will be judged against the AO's as they are completed.

Building Retention: What prior learning must be built upon/revisited and how will it be assessed?

This unit will build on the design and make it skills taught in year 8. They should be able to draw and present their designs confidently using Serif Draw plus & 2D design, learning new tools to aid manufacturing. When making they should be able to build on & develop their skills learnt in year 8 to a higher standard.

All health and safety / workshop routines were embedded in YR7 & 8 and need to be followed. Pupils will be able to demonstrate resilience, quality and creativity and the ability to follow instructions too.

Spelling-Punctuation-Grammar How will you promote high standards within this module?

Written work is checked and corrected using school policy (2017) and literacy codes. Keyword sheets are completed by students, check and corrected as necessary. Work will adhere to the school and department policy for presentation.

Link forward: where next for the learning?

In Yr9 pupils will experience Food Technology, Graphics and Resistant Materials during a rotation over Autumn and Spring terms. These will be approximately 8 weeks per subject. Pupils will do their preferred subject (if available during an option preference process) or KS4 option subject in YR9 Summer term. This will be used to start teaching the D&T KS4 option specifications.

| | |
|---------------------------|------------------------|
| Subject | DT Resistant Materials |
| Term | Rotation 1 |
| Duration (approx.) | 8 weeks |
| Module | Designer Pods |

During the module pupils' performance will be judged against the AO's as they are completed.

Skills and concepts to be developed and assessed (linking to identified AOs)

- How to mark out, join, drill shape and finish wood.
- How to work safely in a D&T room.
- How mark cut and assemble comb & housing joints.
- How to work with soft wood (pine) and manmade boards to make stable structures.
- Learn about types of structures.
- How to use models to develop ideas.
- Draw 2D and 3D designs.
- Follow instructions and plan a complex making process.

Factual knowledge to be taught and assessed (including subject specific vocabulary)

- Wood, types, uses and the environment.
- Hardwoods and softwoods.
- Manmade boards, types, reasons and uses.
- Structure theory with examples.
- Types of frame work joints, glues, and fixings.
- Applied finishes and decoration techniques.
- How models can be used to inform design decisions.
- Health and safety procedures.

Formative Assessment/key piece of work prior to end of unit:

In this module we will be assessing the following:

- AO1: Designing skills- D5
- AO2: Making skills- M2
- AO3: Evaluating-E3
- AO4: Technical Knowledge-T1

NB: the codes refer to the specific areas within each assessment objective (AO) in the 'national curriculum'

Summative Assessment

All KS3 D&T projects are formally assessed at the end of each unit when an overall judgment will be made on:

- Acquiring skills
- Developing skills
- Proficient skills
- Excellent skills

Building Retention: What prior learning must be built upon/revisited and how will it be assessed?

This unit will build on the design skills taught and knowledge of tools, equipment and processes used in YR7 & 8. Pupils should be able to draw and present their designs confidently.

Some practical skills will be new but the health and safety / workshop routines were embedded in YR7 & 8 and need to be followed.

Showing resilience, quality and creativity and ability to follow instructions follows too.

Spelling-Punctuation-Grammar How will you promote high standards within this module?

Written work is checked and corrected using school policy (2017) and literacy codes. Keyword sheets are completed by students, check and corrected as necessary. Work will adhere to the school and department policy for presentation.

Link forward: where next for the learning?

In Yr9 pupils will experience Food Technology, Graphics and Resistant Materials during a rotation over Autumn and Spring terms. These will be approximately 8 weeks per subject. Pupils will do their preferred subject (if available during an option preference process) or KS4 option subject in YR9 Summer term. This will be used to start teaching the D&T KS4 option specifications.