

Unit – Middle School Year 9 Autumn 1 2025

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| <b>Name of unit-</b> Global Food Production – Food Industry – Farming.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                           |
| <b>Expected Outcomes-</b> Safety practices known and demonstrated. Deeper knowledge of nutrition and its functions including micro and micro nutrients, understanding the principles of a healthy varied diet. To be able to name the main nutrients and be able to discuss the requirement needs due to gender, age, dietary choices etc. Learners should be able to discuss food production in the UK and beyond and consider global warming and the impact of this on food production. Look and investigate the food industry and farm workers.                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                           |
| <b>What criteria am I assessing them against?</b> Completion of work, observation and outcomes of practical skills including food safety practices. Photographic evidence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                           |
| <b>Developmental Focus Opportunities</b><br>Learners have knowledge of health and safety in the kitchen and the expectations required when using the food room and equipment. Learners will be expected to work as independently as possible at individual workstations either alone or in pairs. The focus is on organisation, safety and learning the required skills and methods used frequently in a kitchen. Learners will be taught nutrition in more depth in preparation for the catering course in KS4. Learners must be able to describe the functions of the individual nutrients in the human body. Learners learn in more depth the careers available in the Catering Industry linking to 'Future Planning' Can we Predict Food Production in the Future considering global warming? |                                                                                                                                                                                                                                           |
| <b>Key Learning Points</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Powerful Knowledge</b>                                                                                                                                                                                                                 |
| Independent practical skills that show an understanding of food safety and organisation of workstation.<br>Learners can describe the nutritional requirements of need due to gender, age, dietary choices.<br>Learners can explain the importance of a high fibre diet.<br>Understand food labels such as Farm Assured, Fairtrade and Red Tractor.                                                                                                                                                                                                                                                                                                                                                                                                                                                | Understand the importance of traceability of our food.<br>Describe the impact of global warming on food production.<br>demonstrate organisational skills. suggest alternative ingredients for a menu for someone with a food intolerance. |
| <b>Subject-Specific Vocabulary</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Reading Opportunities</b>                                                                                                                                                                                                              |
| Farm Assured / Industry<br>Nutritional<br>Dietary Choices<br>Hygiene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Reading and following a recipe.<br>Completion of work<br>Reading PP from Board                                                                                                                                                            |
| <b>Possible Misconceptions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Cross-Curricular Links</b>                                                                                                                                                                                                             |
| Temperatures C/F<br>Gender – ages linked to dietary choices.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Farming<br>Global Food Production<br>Maths / weights and measures<br>Science / temperatures                                                                                                                                               |

**Name of unit-** Global Food Production and Farming aligned with the Early Learning Goals (ELGs).

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### 1. Communication and Language

- **Activity:** Group debates on ethical farming practices or food miles.
- **Developmental Link:** Encourages speaking, listening, and understanding through structured discussion and vocabulary development.

### 2. Physical Development

- **Activity:** Create a model farm using recycled materials or a school garden project.
- **Developmental Link:** Supports fine motor skills, coordination, and understanding of healthy lifestyles through hands-on tasks.

### 3. Personal, Social and Emotional Development

- **Activity:** Role-play as farmers from different countries facing climate challenges.
- **Developmental Link:** Builds empathy, teamwork, and self-awareness by exploring global perspectives and challenges.

### 4. Literacy

- **Activity:** Write a persuasive letter to a supermarket about sourcing local produce.
- **Developmental Link:** Enhances reading and writing skills with real-world relevance and purpose.

### 5. Mathematics

- **Activity:** Analyse data on crop yields, food miles, or global food distribution.
- **Developmental Link:** Develops numeracy through interpreting graphs, calculating percentages, and comparing statistics.

### 6. Understanding the World

- **Activity:** Investigate farming practices in different biomes or the impact of climate change on food security.
- **Developmental Link:** Deepens geographical and environmental understanding, linking to science and global citizenship.

### 7. Expressive Arts and Design

- **Activity:** Create infographics, posters, or digital media campaigns about sustainable farming.
- **Developmental Link:** Encourages creativity, design thinking, and visual communication.