

Year 11 Term 1 Food Technology Notes

Food Availability and Selection

Influences of Food Availability

Food Security

What is Food Security?

According to FAO (Food and Agricultural Organisation), food security is the human right for people at all times to have physical, social and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy lifestyle

Barriers to Food Security

- Remoteness
- Low income
- Low education

Food Safety Includes:

- Adequacy of food supply and availability
- Stability of supply without fluctuations or shortages
- Accessibility and affordability of food
- Quality and safety of food

Factors causing food insecurity (can affect food availability):

- The financialisation of food – used as a 'commodity' for money rather than the right to food
- Market dominance of multinational agribusinesses and exporters
- Lack of access to farming land needed to produce food and generate income
- Land 'grabbing' by large business who take over land that has been traditionally farmed by families
- Natural disasters
- Farmland is being diverted to grow plants for biofuels rather than for food supply (e.g. sugar cane)
- Conflict of war - results in shortages
- Unfair trading rules
- Food wastage

Dimensions of Food Security:

- Availability
- Stability
- Access
- Utilisation

Year 11 Food Technology Notes

Sally Lasslett, Chrissy Collins



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Enzymes in Food Technology Mohammed Kuddus, 2018-11-19 The integration of enzymes in food processing is well known and dedicated research is continually being pursued to address the global food crisis This book provides a broad up to date overview of the enzymes used in food technology It discusses microbial plant and animal enzymes in the context of their applications in the food sector process of immobilization thermal and operational stability increased product specificity and specific activity enzyme engineering implementation of high throughput techniques screening of relatively unexplored environments and development of more efficient enzymes Offering a comprehensive reference resource on the most progressive field of food technology this book is of interest to professionals scientists and academics in the food and biotech industries

Teaching Food Technology in Secondary School Marion Rutland, 2014-04-08 The introduction of National Curriculum Technology moved away from teaching about food in the context of the home and domestic science towards commercial food technology This work offers an evaluation of this development and the required changes of emphasis for teaching

Food Education and Food Technology in School Curricula Marion Rutland, Angela Turner, 2020-04-08 This book draws together the perceptions and experiences from a range of international professionals with specific reference to food education It presents a variety of teaching learning and curriculum design approaches relating to food across primary secondary and vocational school education undergraduate initial teacher education programs and in service professional development support contexts Contributions from authors of a variety of background and countries offer insight into some of the diverse issues in food education internationally lessons to be learned from successes and failures including action points for the future The book will be both scholarly and useful to teachers in primary and secondary schools

History of Soybeans and Soyfoods in Africa (1857-2009): Extensively Annotated Bibliography and Sourcebook William Shurtleff, Akiko Aoyagi, 2009-09-06 This book won the prestigious Oberly Award for the best bibliography in the agricultural or natural sciences in 2009 It contains 2 336 references Begins with a chronology of soy in Africa from 1857 to 2009 This is a book about the history of soybeans and soyfoods in Africa Algeria Angola Benin Botswana Burkina Faso Burundi Cameroon Cape Verde Central African Republic Chad Comoro Islands Comoros Congo Republic Congo Democratic Republic of DRC

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Recipes for Food Technology Middle Secondary Workbook Sally Lasslett, Chrissy Collins, 2013-03-13

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Table of Contents Year 11 Food Technology Notes

1. Understanding the eBook Year 11 Food Technology Notes
 - The Rise of Digital Reading Year 11 Food Technology Notes
 - Advantages of eBooks Over Traditional Books
2. Identifying Year 11 Food Technology Notes
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Year 11 Food Technology Notes
 - User-Friendly Interface
4. Exploring eBook Recommendations from Year 11 Food Technology Notes
 - Personalized Recommendations
 - Year 11 Food Technology Notes User Reviews and Ratings
 - Year 11 Food Technology Notes and Bestseller Lists

5. Accessing Year 11 Food Technology Notes Free and Paid eBooks
 - Year 11 Food Technology Notes Public Domain eBooks
 - Year 11 Food Technology Notes eBook Subscription Services
 - Year 11 Food Technology Notes Budget-Friendly Options
6. Navigating Year 11 Food Technology Notes eBook Formats
 - ePub, PDF, MOBI, and More
 - Year 11 Food Technology Notes Compatibility with Devices
 - Year 11 Food Technology Notes Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Year 11 Food Technology Notes
 - Highlighting and Note-Taking Year 11 Food Technology Notes
 - Interactive Elements Year 11 Food Technology Notes
8. Staying Engaged with Year 11 Food Technology Notes
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Year 11 Food Technology Notes
9. Balancing eBooks and Physical Books Year 11 Food Technology Notes
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Year 11 Food Technology Notes
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Year 11 Food Technology Notes
 - Setting Reading Goals Year 11 Food Technology Notes
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Year 11 Food Technology Notes
 - Fact-Checking eBook Content of Year 11 Food Technology Notes
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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