

# TECHNOLOGIES ELECTIVES

## YEAR 10

### Design Technology - Food

#### Rustic Brunch

The local café is planning on introducing brunch to its menu in 2024. The owner has asked you as “brunch connoisseurs” to design and produce an item that could be showcased in their new menu. You will need to identify the contemporary trends within café’s and serve your brunch in a rustic style. This will include garnishes, sauces, plating considerations and aesthetics.

#### Themed Grazing Board

Your Team is to investigate, design and produce a Grazing Board for an allocated celebration (selected randomly by your teacher) to serve 20 adults (St Pat’s staff members).

Your board must not go over a budget of \$50, it must clearly represent the theme of your celebration, showcase a food design hack and 3 cooked elements as part of its presentation. Your board will be presented to a group of staff who will be asked to guess what celebration your board is representing based on your design.

### Design Technology - Food, Fibre & Production

#### Soil-Free Solutions: Exploring Hydroponics in Modern Agriculture

In this unit, students will delve into hydroponics as an innovative method for growing plants without soil. They will explore the principles of hydroponic systems, including nutrient delivery, plant growth requirements, and system design. Students will engage in hands-on activities to build and manage their own hydroponic setups, analyse the benefits and challenges of hydroponic farming, and assess its impact on sustainable food production. The unit aims to enhance their understanding of modern agricultural techniques and their application in food technology.

#### Agribusiness Essentials: Managing and Innovating in the Agricultural Industry

In this unit, students will explore the dynamic world of agribusiness. They will examine the key components of the agricultural industry, including production, marketing, and supply chain management. Through case studies and project-based learning, students will analyse how businesses manage resources, develop strategies, and adapt to market demands. They will design and implement their own agribusinesses and gain insight into food production.