

Our Big Question...Why is food data important? Do we need it?

The world around us is full of living things which depend on each other for survival. Food is critical to our survival. This project will teach you about the use of data in food production. We will look at how it is used and consider whether we think it is important. Should we change the way in which we use food data?

Exciting Experiences...

The project will be launched with lots of activities that relate to food in real life. We will...

- Learn about how we use barcodes and how they are made
- Use actual food products and scan the barcodes to find out about them and analyse the health information
- Investigate the use of 'smart' products to help

WHAT PRIOR KNOWLEDGE IS GOING TO HELP ME WITH THIS PROJECT?

It would help if you could understand and make a basic explanation about the importance of accurate and reliable data to ensure a desired outcome. It would also help to you know how to research using the Internet.

In this project you will learn...

- If there is more to a barcode than just lines?
- Where barcodes are used.
- The structure and what data is in a barcode.
- How a barcode can be scanned to obtain data.

- All about different aspects of food analysis (sugars, fats, energy).
- How to make a spreadsheet, formatting and basic formulae.
- How to make a graphical representation of results.
- How to analyse results – Is food data important?

- How technology is related to food.
- All about different digital devices in society relating to food such as 'SMART' fridge, supermarket checkouts.
- How digital data is collected and stored.
- All about the uses and accuracy of apps for collecting data.

How will I be assessed?

Your Tasks...

1	Scanning barcodes on food to obtain product data
2	Creating a spreadsheet using graphical representation Formatting using basic formulae
3	Writing a Report showing how technological and digital devices are used to collect and use data and uses of data stored relating to food.

The Showcase

We are going to use a shared online notebook in order to share all our work completed in this project

