

What roles are needed in a café to make it work well?

**Big Idea: 2. Global Citizens:** societies across the world are built on shared ideas and systems in which every citizen has their role to play.

This half term, you will learn about how people work together in a café. You will look at how roles and systems are needed in order to run a café. You will explore the different jobs needed to run a café and how everyone knows the jobs they need to do for it to run.



What makes a café run smoothly?

What roles do people have? How do people know what to do?

You will learn how to stay safe when cooking and understand what makes a balanced diet. You will prepare and taste different foods and then create your own recipe to design your very own pizza!

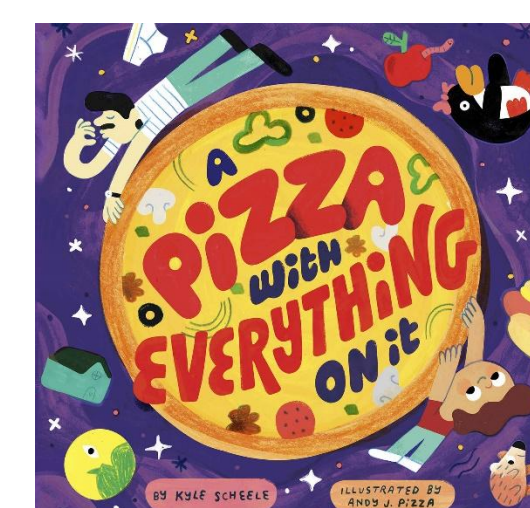
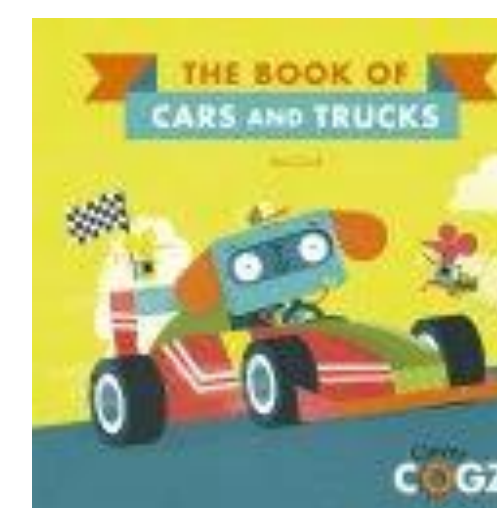
You will also explore how robots can help us in a café. You will use Beebots to learn how to give instructions and control a robot, helping it move around safely. You will test out your ideas to see how robots could be used to deliver food to customers and think about how they can make jobs easier and quicker.

You will practise coding by programming your Beebot to carry out different roles in your café, and you will debug it when it doesn't work as planned.

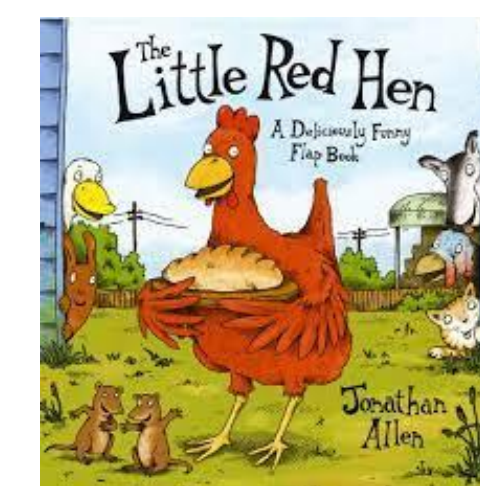
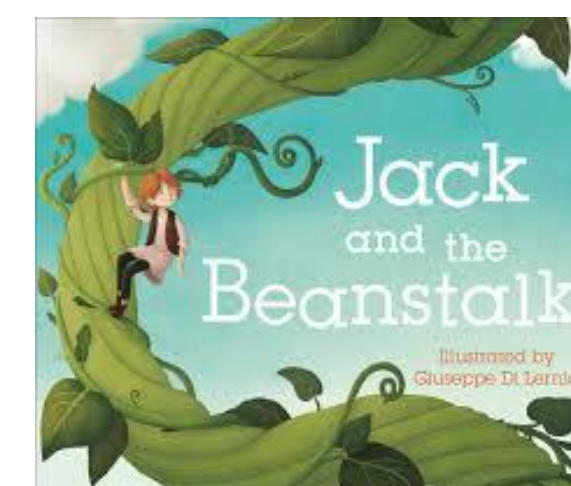
Our Key vocabulary

chef	Someone who prepares and cooks food.
diet	The types of food we eat each day.
raw	Food that has not been cooked
recipe	The instructions you follow to make something to eat
healthy	Things that are good for our body
programme	writing a group of instructions for a computer to follow to solve a problem,
code	the set of instructions we create to communicate with computers.
debug	To remove problems in computer algorithm
instruction	a code in a program which defines and carries out an operation
command	an instruction or signal causing a computer to perform one of its basic functions

Texts that we will be reading in school:



Recommended texts to share at home:



You will be working and learning together to create and run your own café. You support each other to make sure it runs smoothly, and your customers are happy.



You will be working hard to be the best, waiter, chef, manager you can be. We constantly challenge ourselves to achieve the best food and customer service in our cafe.

Broadening our experiences:

Your parents will be invited into school to take part in a real-life café experience. During this special event, they will be served pizzas that have been prepared and made by you at school. This hands-on experience will give you the opportunity to develop your cooking skills and share your achievements in a meaningful and enjoyable way with your families.

## DT-Sticky Knowledge

Food can be prepared by cutting, slicing and chopping.

Good health involves drinking enough water and eating the right amount of foods from the different food groups.

There are 5 different food groups: carbohydrate, fruit and vegetables, protein and fats and dairy.

In order to prepare food safely, surfaces and hands should always be clean.

Food can be described through its smell, taste, texture and consistency.



## Computing - Sticky Knowledge

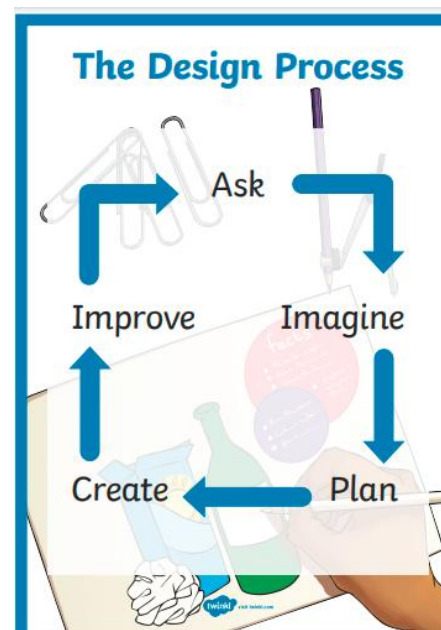
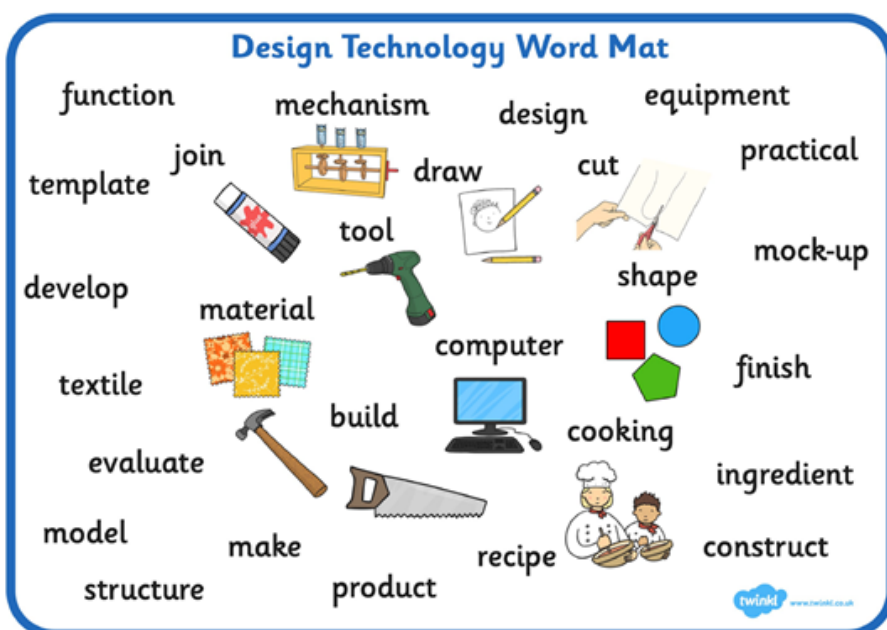
Computers follow instructions called code to complete a task.

You can program computers to follow instructions

Bee-Bots are a type of robot that you can program.

An algorithm is a set of instructions a computer can follow.

Checking and testing a program is called debugging.



### Food Groups

**Fruit and Vegetables**  
These are good sources of vitamins and minerals and fibre. Aim to eat 5 portions a day! Choose from fresh, frozen, tinned, dried or juiced. Fruit juice and/or smoothies should be limited to no more than a combined total of 150ml per day.

**Carbohydrates**  
Starchy foods such as potatoes, bread, rice, pasta and cereals should make up just over a third of the food you eat. These are important for giving us energy. Choose higher-fibre, wholegrain varieties, such as wholewheat pasta and brown rice, or simply leave skins on potatoes.

**Proteins**  
Proteins such as beans, pulses, fish, eggs, meat are very important for helping us grow and build muscles. Beans and pulses are a good alternative to meat as they contain less fat and are higher in fibre and protein. Try to eat 2 portions of fish a week, and try to reduce intake of red and processed meat.

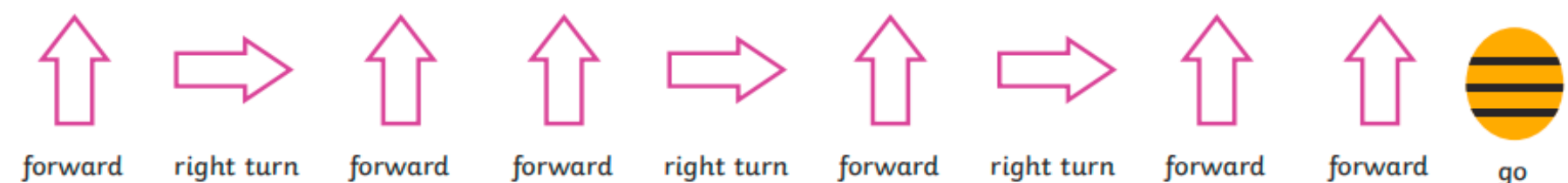
**Dairy and Alternatives**  
These are a source of calcium which is important for strong teeth and bones. Choose lower fat and sugar options.

**Food and Drinks High / or Sugar**  
Eat less often and in small amounts.

**Water**  
6-8 a day  
Water, lower fat milk, sugar-free drinks including tea and coffee all count. Limit fruit juice and/or smoothies to a total of 150ml a day.

**Oil & spreads**  
Choose unsaturated oils and spreads and use in small amounts. Eat sparingly.

2. Follow these programming commands and match to the shape it makes.



Can you make the same shape using different commands?

### Algorithm

A set of instructions for a computer, split into little steps.

### Coding

Coding is writing the language used to give instructions to computers.

### Debug

Fixing a sequence in a computer program.