# Key Vocabulary- Year 5 Autumn 2 2025

| English | Maths |
|---|---|
| Recount, blog, relative clause, relative pronoun, embedded clause, chronological order<br>VIPERS- Vocabulary, Inference, Prediction, Explain, Retrieve, Summarise, Sequence | Multiple, common multiple, factor, common factor, prime/square/cubed number<br>Fraction, unit/non unit fraction, proper/improper fraction |

| Science- Space | RE |
|---|---|
| axis, rotation, star, constellation, spherical, solar system, rotates, orbit, waxing, waning, crescent, gibbous, geocentric, heliocentric. | Sikhism/Sikhi, guru, Sikh, gurdwara, khanda, Guru Nanak, Guru Granth Sahib, Gurmukhi, Waheguru, Vaisakhi, Khalsa, Amrit, value, prayer, meditation, revelation |

| Music | Design Technology- Cams |
|---|---|
| listen, appraise, vocal warm up, notation, improvise, composition | Mechanical , Cam - Off centre/ Pear shaped/ Peg/ Snail, Follower, Axel, Shaft, Crank, Housing, Rotation, Oscillating motion, Reciprocating motion, Rotary motion |

## Computing- coding

**Event**
An occurrence that causes a block of code to be run. The event could be the result of user action such as the user pressing a key (**when Key**) or clicking or swiping the screen (**when Clicked, when Swiped**) or when objects interact (collision). In 2Code, the event commands are used to create blocks of code that are run when events happen.

**Nesting**
When coding commands are put inside other commands. These commands only run when the outer command runs.

**Physical System**
In this context, this is any object or situation that can be analysed and modelled. For example modelling the function of a traffic light, modelling friction of cars moving down surfaces or modelling the functions of a home's security system.

**Function**
A block or sequence of code that you can access when you need it, so you don't have to rewrite the code repeatedly. Instead, you simply '**call**' the function each time you want it.

**Object**
Items in a program that can be given instructions to move or change in some way (action). In 2Code Gorilla, the **object types** are button number, input, text, shape turtle, character, object, vehicle, animal.

**Properties**
These determine the look and size of an object. Each object has properties such as the image, scale and position of the object.

**Selection**
A conditional decision command. When selection is used, a program will choose which bit of code to run depending on a condition. In 2Code selection is accomplished using '**if**' or '**if/else**' statements.

**Input**
Information going into the computer. This could be the user moving or clicking the mouse, or the user entering characters on the keyboard. On tablets there are other forms such as finger swipes, touch gestures and tilting the device.

**Output**
Information that comes out of the computer e.g. **sound, prompt, alert** or **print to screen.**

**Repeat**
This command can be used to make a block of commands run a set number of times, until a condition is met or forever.

**Sequence**
This is when a computer program runs commands in order.

**Simplify**
In coding this is used to describe modifying the code to complete the same process with less lines of code.

Need more support? Contact us

## History

| | |
|---|---|
| Anderson shelter | Half buried in the ground and with earth on top, they protected people from bomb blasts. |
| blackout | All windows and doors had to be covered at night to stop enemy aircraft seeing house lights. |
| Blitz | The sustained aerial bombing against Britain by Nazis. Blitz means lightning in German. |
| evacuee | Designed to protect people, especially children, by moving them to areas of less risk. |
| gas mask | Issued to all civilians at the start of the war, gas masks were used to protect from gas attacks. |
| Kristallnacht | On 9th-10th November 1939, Nazis torched synagogues and vandalised Jewish homes. |
| Nazis | Adolf Hitler and his Nazi Party controlled Germany between 1933 and 1945. |
| rations | Ration cards were given out and only a certain amount of food/clothes per family was allowed. |
| star of David | Jews throughout Europe were forced to wear the star of David to clearly identify themselves. |
| swastika | An ancient symbol of a cross with arms at a right angle, used as an emblem for the Nazi Party. |

**PE- Gymnastics - Travel Jump Leap Turn Stillness Alignment Balance Control Co-ordination Extension Flexibility Posture Stamina Strength**