



# Year 5 - Autumn - Computing Knowledge Organiser

## What I already know...

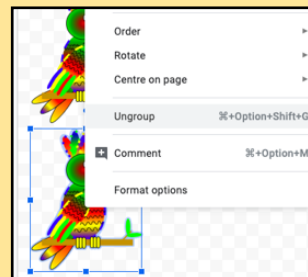
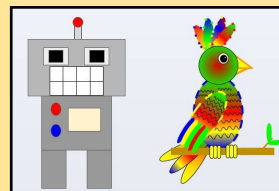
- How to change the composition of an image.
- How to make good choices when selecting different tools.
- To recognise that text and layout can be edited.
- To use the shape and line tools.

## Key Vocabulary

|           |  |
|-----------|--|
| Vector    | Images created using different parts including shapes.               |
| Group     | To combine objects together and manipulate them as single objects.   |
| Duplicate | To create a copy that is exactly the same.                           |
| Layering  | To stack images and shapes on top of one another.                    |
| Scaling   | To alter the size of an image or shape to make it smaller or larger. |
| Rotate    | To turn an image or shape.   |

## What I will learn...

- To identify that drawing tools can be used to produce different outcomes.
- To create a vector drawing by combining shapes including resizing, duplicating and rotating.
- To use tools to achieve a desired effect.
- To recognise that vector drawings consist of layers.
- To evaluate my vector drawing.
- To recognise that vector drawings can be scaled without impact on quality.
- To group objects to make them easier to work with.



## Making a difference at The Merton

In this unit, we will be applying our art skills to create digital drawings. We will find out that vector images are made up of shapes which will help us to learn how images are created in layers. This will lead us to learn how to use the different drawing tools. Following this, we will explore the ways in which images can be grouped and duplicated to support us in creating more complex pieces of work.

## Making a difference at home

Can you create your own images using shapes? Why not create your favourite animal or a pet! Layer, group, duplicate, resize and rotate the shapes for the best results.

You can do this by using Google Drawings on most devices: [docs.google.com/drawings/](https://docs.google.com/drawings/)