



# Year 5 Computing & ICT Knowledge Organiser Summer 1

## Creating Media – Making Music



### 1. The drawing tools

- Vector drawings are made on the computer.
- Vector drawings are made using lines and shapes.
- Vector drawings are made by putting the lines and shapes together to form a complete image



### 2. Creating images

- We can use 'copy and paste' to make clones of already existing shapes. You can resize and rotate existing shapes.
- The 'undo' button takes back the step just done.



### 3. Making effective drawings

- To get a better view of shapes, you can use the zoom tool.
- The zoom tool does not change the size of the object
- Red lines are used for alignment
- Blue lines are used as a size guide.



### 4. Layers and objects

- Each object that is added to a drawing is placed on a new layer.
- Different layers of colour (dark and light) can help make vector drawings look more realistic.
- Layering smaller objects around your drawing can make it blend in more



### 5. Manipulating objects

- Selecting multiple objects and copying them makes it easier to create images.
- You can select more than one object by dragging over them. Or you can hold the Shift key and click them.
- If you copy more than once or click off the new objects, you have to reselect them all if you want to move them or you can group the object before copying!



### 5. Create a vector drawing

- Vector drawings are often used as illustrations. They can be used in documents or presentations
- Vector drawings are made of shapes meaning they can be resized without losing their clarity.

## Key Vocabulary

### Drawing

A picture or diagram

### Vector drawing

Computer made images using lines and shapes.

### Layers

Sheets of shape over the top or underneath.

### Manipulate

To handle or control something in a skilful manner.

### Clones

An identical copy of something.

What's added first?



Which object would you need to draw first?

