

Computing	Creating Media – Vector Drawing	Year 5	Autumn 2
------------------	--	---------------	-----------------

Key Knowledge

To identify that drawing tools can be used to produce different outcomes	<ul style="list-style-type: none"> I can discuss how a vector drawing is different from paper-based drawings I can identify the main drawing tools I can recognise that vector drawings are made using shapes
To create a vector drawing by combining shapes	<ul style="list-style-type: none"> I can explain that each element added to a vector drawing is an object I can identify the shapes used to make a vector drawing I can move, resize, and rotate objects I have duplicated
To use tools to achieve a desired effect	<ul style="list-style-type: none"> I can explain how alignment grids and resize handles can be used to improve consistency I can modify objects to create different effects I can use the zoom tool to help me add detail to my drawings
To recognise that vector drawings consist of layers	<ul style="list-style-type: none"> I can change the order of layers in a vector drawing I can identify that each added object creates a new layer in the drawing I can identify which objects are in the front layer or in the back layer of a drawing
To group objects to make them easier to work with	<ul style="list-style-type: none"> I can copy part of a drawing by duplicating several objects I can group to create a single object I can reuse a group of objects to further develop my vector drawing
To evaluate my vector drawing	<ul style="list-style-type: none"> I can apply what I have learned about vector drawings I can suggest improvements to a vector drawing I create alternatives to vector drawings

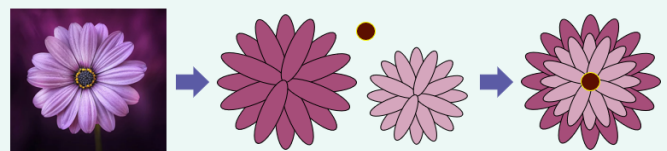
Statutory requirements

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Key vocabulary

Spelling	Definition
Vector Drawing	A drawing made on the computer using shapes, lines and putting the two together to form a complete image.
Resize	Changing the size of a shape, line or image on the computer.
Duplicate	A duplicate is making an exact copy of an object.
Zoom	Focusing on a selection of an image and increasing the size for greater detail.
Align	How text or an object is placed on the screen.
Layering	This is where you create objects to place on top of each other, creating layers to make a vector drawing .

Layering in nature



Different layers of colour (dark and light) can help make vector drawings look more realistic.

Possible experiences

- Find images that have been made using layers. You could record this by cutting images out of a magazine, taking photos of layered images in the world around you, or drawing pictures of the images that you have found
- Use Google Drawings to create your own vector images at home.

