

**Technology in Our Lives**

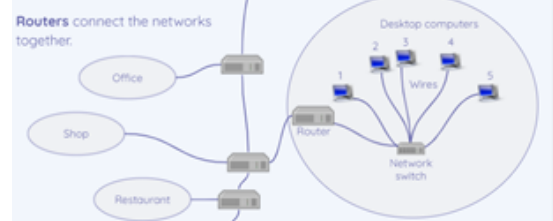
**What is a Computer Network?**

Devices connect on a network. The network switch is linked to each device. The switch is linked to the server where info is stored. Routers link one network to another.

**Connecting networks**

Networks connect to other networks in different places.

The internet is connected by lots of routers.



**Computing Skills and Vocabulary**

Connection	Connections are links or joins to others.
Network	Networks are lots of connections working together.
Router	Routers connect networks together
Internet	A network of networks all connected
World Wide Web	A world wide network or networks forms the internet.
Server	A server connects to a network switch. It stores files and manages the network.
Internet browser	A Web browser is used to search the World Wide Web
Web Site	Web sites are found using a web browser.

**What is the Internet?**

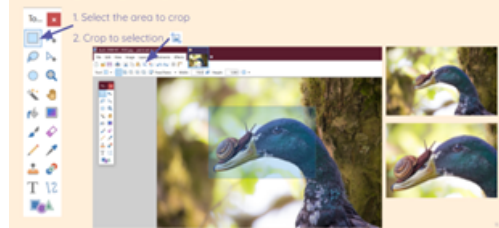


**Multimedia**

**How do we change digital images?**

There are computer programs that can capture, create and change images. We can use them to create or manipulate photographs or images on a device.

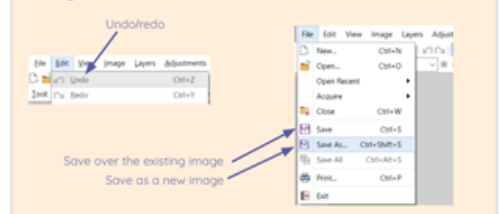
**Editing images by cropping in paint.net**



**Computing Skills and Vocabulary**

Image	A picture on a device
edit	change something on a device
arrange	move images and text around on a device
select	highlight or choose an object
crop	change the image by cutting the edges off
save	store a new version on the device
Pixels	the very small parts that make up the images
rotate	turn the image around in a circle
flip	reverse the image

**Using the undo and save tools**



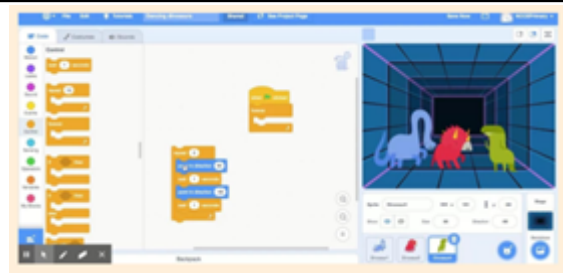
**Coding**

**How do we use loops to create shapes?**

Sequences of blocks create the code or algorithm in scratch. They give instructions to the sprite or character. Sets of blocks can be used in loops and repeated a chosen number of times.

**Computing Skills and Vocabulary**

repeat	A set number of repeats or forever.
value	The number you use within the code



loop	The sequence of code or blocks that you choose to repeat.	
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