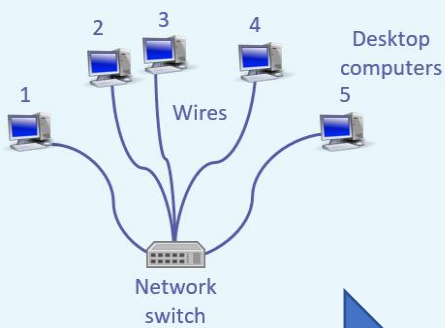




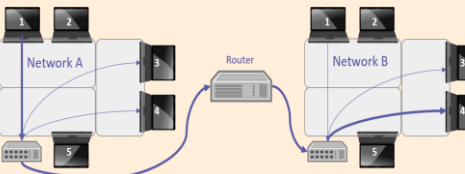
### Connecting networks

Connecting computers



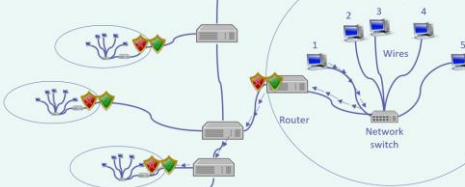
Routers enable messages to be passed between networks via switches

Connecting networks with a router



### Securing networks

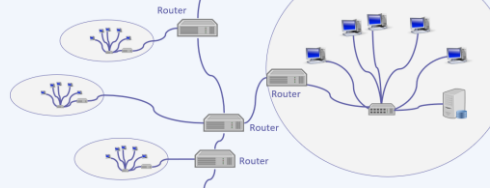
Networks have security features to block or allow messages or requests.



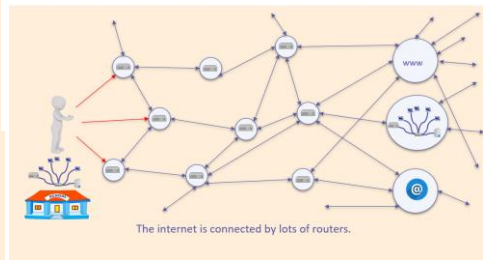
### What is the internet made of?

#### Connecting networks

A router enables us to connect a network to the internet...



#### What is routing?



[www.codeclub.org](http://www.codeclub.org)

### Sharing information

#### Where are websites hosted?

Most websites are hosted in large data centres.

Data centres are large buildings full of powerful computers.

Some of the largest data centres are owned by companies such as Google, Amazon, Apple and Microsoft.



#### What is a web browser?

Google Chrome lets you look at (browse) web pages on the internet.

Chrome can be found on many computers and mobile devices.



#### Web browsers

Safari

Internet Explorer / Edge

Chrome

Opera

Firefox

#### How confident are you? (1-3)

- I can explain the types of information that can be shared on the WWW 3 - Very confident
- I can describe where information is stored when uploaded to the WWW 2 - Unsure
- I can describe how to access information on the WWW 1 - Not confident

### What is a web site?

#### What's on a website?

Here are some common parts of a website:



#### Features of websites

Which feature is most important in these types of websites?

- Logo or title
- Links to other websites/pages
- Videos
- Pictures
- Text

#### Chrome Music Lab: making music with drawings

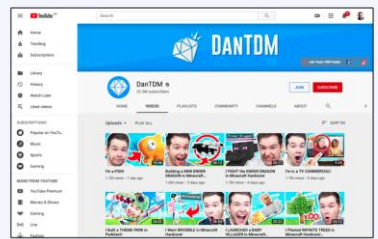
Go to [Chrome Music Lab](http://ChromeMusicLab.com) and click on the drawing.



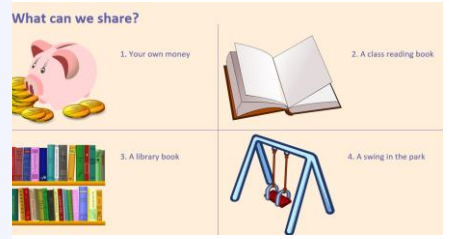
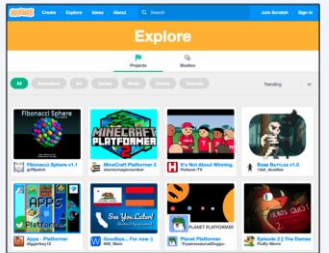
Who owns the web??



Who does this content belong to?



Who does this content belong to?



Word	Definition
Network	A computer network connects two or more computers and communication devices.
Routing	A router is a box that's looking out for data and when it receives it, it decodes the radio signal back into data and then sends the information to the internet using wires.
Hosted	Where storage with computing resources are held
Secure	Protecting personal information
Content	A word to describe text within an email or web page



Who owns these web pages??



There are some clues...

There are some clues...

Can I believe what I have read ?



Can you believe everything you see or hear on the World Wide Web?

YES NO



How has your information spread?

Without asking any other learners...

- Do you know who you have shared your information with?
- Could you easily get it back?
- Do you know if the information you now have is true or not?

**FAKE NEWS**

Before you share: THINK

Can you now find who owns the web?

