

KEY QUESTION:

x

What are variables used for in coding?

COMPUTING

COMPUTER SCIENCE
YEAR 4 AUTUMN

PREVIOUS KNOWLEDGE

x



Conditional events are useful to start code only when something specific happens in the program. Here the orange fish will hide if it touches (hits) the red octopus.

VOCABULARY KEY TERMS

x

Variable

An object used to store a simple piece of information, such as a score or time taken. You can change the value of the variable using code.

CODING EXAMPLES

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Variables.

In this code the variable named 's' is keeping the score. If the dog touches the carrot the carrot will move to a new place and the variable will increase by 5.



For this shop till code. The variable named 'a' will increase by 15 when the user clicks on the fishfinger. The reset button changes the variable to 0.

KEY QUESTION:

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How do you send a formatted email?

PREVIOUS KNOWLEDGE

x

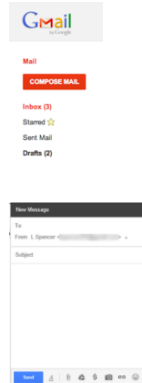
Email.

Our inbox is where we read our messages.

We can click on COMPOSE MAIL to make a new message.

We need to know the email address of the person we wish to send our message to.

Email addresses have a @ symbol.



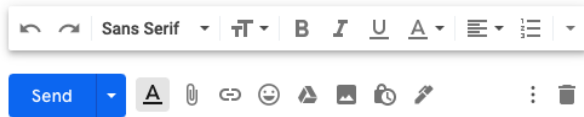
Highlighting (selecting).

Place the cursor next to the text then left click and hold as you move it over the text you want.

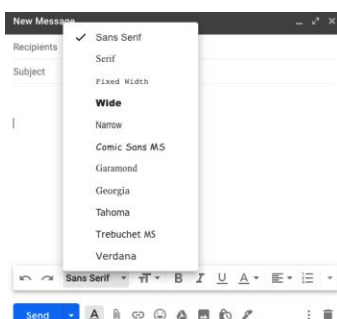
The selected text will look like this.

EMAILLING

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This menu bar located underneath your email allows you to format the email. You can change the text, add an attachment, re-do and undo typing.



These are the names of different fonts you can use on your email.

COMPUTING

INFORMATION TECHNOLOGY
DATA HANDLING
YEAR 4 AUTUMN

VOCABULARY KEY TERMS

x

Undo

Undo the last thing you did. Useful if you make a mistake.

Redo

If you undo something and change your mind, you can press this to change it back.

Font

A style of text on the page, each font has a different name.

Attachment

When you add a file alongside your message. For example you might attach a photo to an email.

Emoji

A little image used to describe an emotion



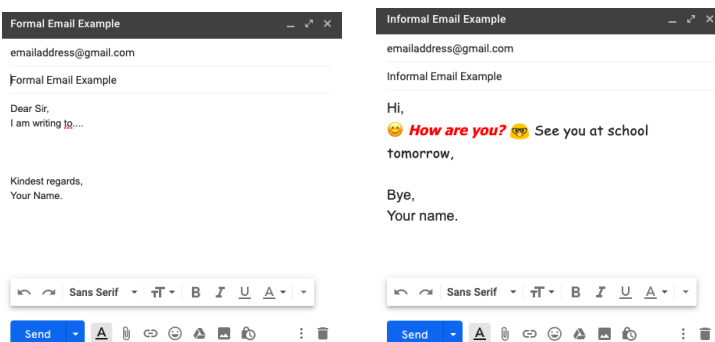
KEY QUESTION:

How are you a responsible digital citizen?

PREVIOUS KNOWLEDGE

If you find something that worries or upsets you online tell an adult. You can also report users and their comments to the CEOP (Police).

BLOCKING AND MUTING



Think about who you are writing your email to and whether it should be formal or informal.

REMEMBER WHEN USING THE INTERNET:

Be respectful to others

People may have different opinions to you.

Comment with kindness

Try and always think of something nice to type that will put a smile on the readers face. If you have nothing nice to say, don't share it.

All comments are read by the website moderators and if you type something rude or upsetting you may be banned and blocked from using the website or game.

COMPUTING

DIGITAL LITERACY
YEAR 4 AUTUMN

VOCABULARY KEY TERMS

Digital citizen

You are a digital citizen when you use the internet.

Moderator

Somebody who works for the website and checks all users are following the rules. If they find users are being rude or sharing inappropriate content, they can report and ban them.

Formal

Writing in a professional tone, for example to a business or important person.

Informal

Writing in a casual manner, for example to a close friend.

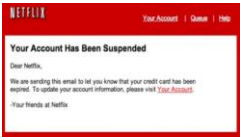
KEY QUESTION:

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How do you keep your email account safe?

PREVIOUS KNOWLEDGE

x



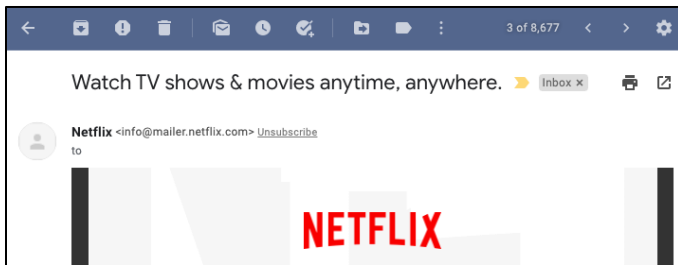
Some websites and emails are designed to scam you and steal your personal information.



Check a website has a padlock to show it is secure.

SECURING YOUR EMAIL

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The bar that appears above the email gives the user lots of options and actions for the email.

 Bin the email or report the email as SPAM.



Here you can Unsubscribe from the sender.

REMEMBER NEVER TO SHARE YOUR PASSWORD!

COMPUTING

E SAFETY
YEAR 4 AUTUMN

VOCABULARY KEY TERMS

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Contacts

Trusted people you know and are happy to receive emails from.

SPAM

Adverts, scams and emails from strangers. These can contain viruses and tricks that try to break your computer and steal your money.

Unsubscribe

Unsubscribing tells the sender you no longer wish to receive messages from them. Use this if you signed up for an email newsletter and no longer want to receive it. If they continue to send you messages after you have unsubscribed it will be marked as SPAM by gmail.