



<b>Online Safety</b>	
What is a username?	Your nickname or address that a computer can recognise. This is how a computer knows who is using it.
What is a password?	A phrase or word which gives you access to a computer.
What is your personal data?	This is information which is unique to you such as your name, birthday and address. You should not give this information out online.
What does it mean to be SMART online?	It helps you to stay safe when you use the internet.
What does the S in SMART stand for?	<b>S</b> afe – Keep your personal information safe and tell it to no one.
What does the M in SMART stand for?	<b>M</b> eeet – You should never meet someone you meet online without a parent or guardian with you.
What does the A in Smart stand for?	<b>A</b> cccept – Never accept files, emails or friend requests from people you don't know.
What does the R in Smart stand for?	<b>R</b> eliable – Information on the internet may not always be true. It is easy to pretend to be someone else online!
What does the T in Smart stand for?	<b>T</b> ell – You must always tell someone or something makes you, or a friend, uncomfortable or unhappy online.
<b>Digital Literacy</b>	
What is a file?	A file stores information. A file could be anything from a document to a video.
What is a folder?	Files are stored inside a folder. This keeps your files well organised.
What does it mean to save your work?	Make a file on your computer which remembers what you have made.
What small symbol usually mean save?	A floppy disk. (Floppy disks were a method of storing data before CDs) 
When would you use 'Save As' instead of 'Save'?	When you are saving a file for the very first time.
What is a presentation?	A presentation shows images and gives the audience information.
What program would you use to make a presentation?	Microsoft PowerPoint.
What is the internet?	A network which connects computers all around the world.
What does it mean to 'search'?	To look for specific information on the internet or on a computer.
What small symbol usually represents search?	A magnifying glass. 
<b>Computer Science</b>	
What is a computer program?	A program runs on a computer. It tells the computer what to do.

Can you name a popular program?	Microsoft Word, Microsoft PowerPoint, Scratch, Internet Explorer, Google Chrome., etc.
What is programming?	Programming is the process of making a program. You write the instructions for the program to follow.
What do you call the set of instructions that a program must follow?	This is called the algorithm. A program can have many algorithms.
What program do we usually use for programming in Year 3?	Scratch

Can you tell what type of file these are just from the icon?

1



2



3




4



Answers:  
 1 = A Word document  
 2 = A PowerPoint presentation  
 3 = A Scratch file

## Computing Curriculum Year 4

<b>Online Safety</b>	
What is a search engine?	A search engine is a website that allows you to look for information.
What is the most popular search engine?	Google.
What is SafeSearch?	SafeSearch is a setting on Google, and other search engines, that ensures your search is entirely safe by getting rid of most unsuitable websites.
What are parental controls?	Parental controls try to ensure that children cannot access websites on the internet that might be inappropriate or harmful.
What is a computer virus?	A program which hides on your computer. It does bad things like delete your files and can stop your computer from working.
What is a firewall?	Firewalls are a type of computer program that protects computers from viruses.
<b>Digital Literacy</b>	
What does it mean to 'copy and paste'?	Selecting copy makes a copy of the selected file or text, and saves it to your 'clipboard'. It is stored there until you paste it somewhere else, like in a document or a folder.
In Microsoft PowerPoint, what is a slide?	A slide is like a page in your presentation. The program moves through them in order.
In Microsoft PowerPoint, what is a moving point?	Certain parts of the presentation can be set to move across the slide with the click of a mouse or other button.
In Microsoft PowerPoint, what is a transition?	A transition changes one slide to the next in a set way. This could be fading into the next slide, or be made to look like a turning page.
What is a hyperlink?	A hyperlink is a link to the internet found in a document or PowerPoint.
What small symbol usually represents a hyperlink?	A picture of the world with a chain link. 
How can you tell if text is a hyperlink?	It is blue and underlined. <a href="#">Like this!</a>
What is a font?	A font is a style of lettering. It changes how the letters look when you type!
What is resizing?	When images are made bigger, smaller or stretched.
In Microsoft PowerPoint, what is a layout?	The layout arranges images and text on all the slides the same.
In Microsoft PowerPoint, what is a theme?	The theme sets all the colours and fonts in your presentation to be the same.
What is an update?	This is when a program needs new information to continue working as best it can. Updates are usually downloaded automatically from the internet.

## Computer Science

What is de-bugging?	De-bugging is finding the problem in a computer program that isn't working correctly.
In an algorithm, what is a loop?	A loop tells the program to do that instruction over and over again. For example, you may ask a light to flash 20 times, or forever!
In an algorithm, what is a sequence?	A sequence is the order in which a program carries out its algorithms.
In an algorithm, what is selection?	When a program has a choice and then selects the correct response. For example, 'If the colour is red, then stop.'

### Can you solve these common log on problems?

John Smith cannot log into his laptop. He has typed his password over and over and it just won't work! Why can he not log on in each image?

**A**

jsmith 4krf

Password



**B**

jsmith4krf.bv

Password



**C**

jsmiith4krf

Password



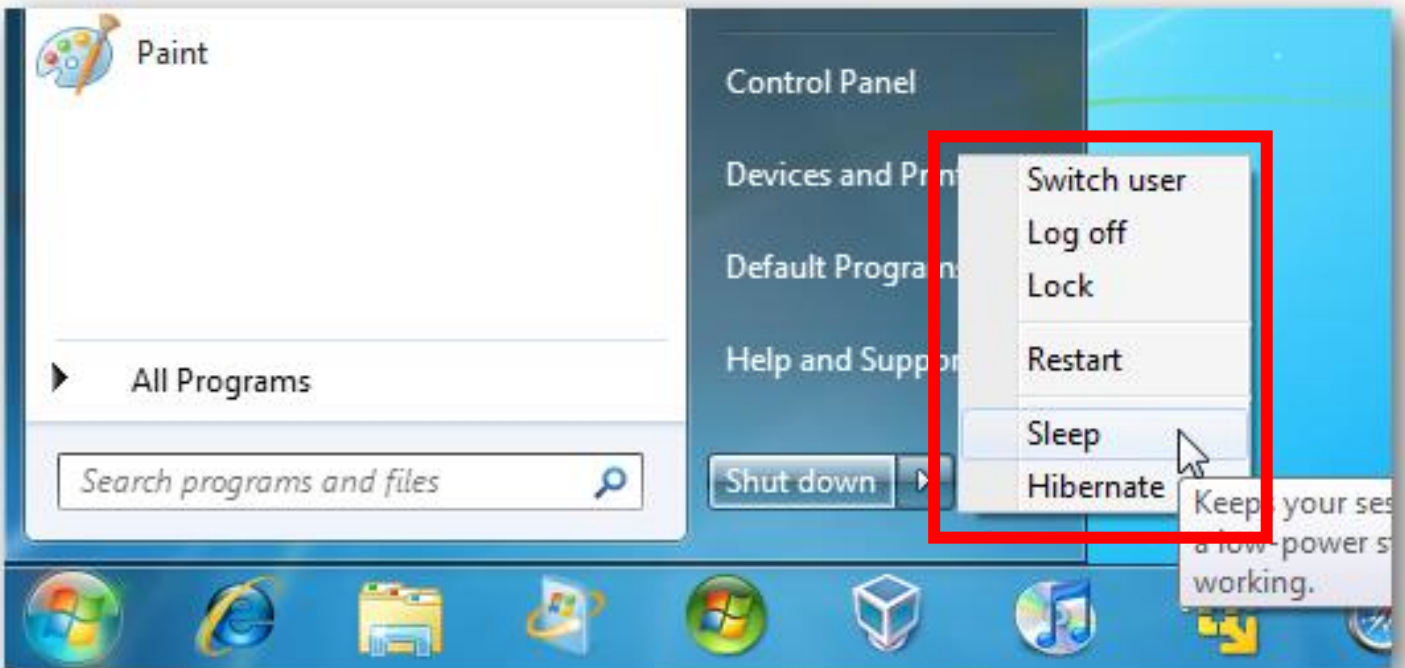
Answers:  
A = There is a space in his username  
B = He does not need to type the .bv  
C = He has spelt his name incorrectly

## Computing Curriculum Yr5

<b>Online Safety</b>	
What is junk mail?	Unwanted emails are junk mail. They can carry viruses or try to trick you into replying by pretending to be someone you know.
What is meant by misuse?	To use any electronic service in an irresponsible or negative way. This could involve sending inappropriate messages or doing anything to upset another person online.
<b>Digital Literacy</b>	
What is a message?	A communication written to a person or group.
Can you name 3 ways to send an electronic message?	Text message, iMessage, email, social media, forum, message board, WhatsApp, Snapchat.
What is an email?	Email stands for electronic mail. It is a message sent via the internet.
What is an email address?	It is an address unique to you that people can send emails to.
What symbol is unique to email addresses?	@ - the 'at' symbol.
What is an inbox?	An inbox stores the emails that people have sent to you.
What is a Spreadsheet?	A large table which can store data. It can also be used to do calculations and make graphs.
What is the most popular program used to create spreadsheets?	Microsoft Excel
In Microsoft Excel, what are cells?	Each box in a spreadsheet is referred to as a cell.
In Microsoft Excel, what is a formula?	A formula is an instruction placed in a cell. It could be to do a calculation or show a number.
In Microsoft Excel, what must all formulas begin with?	=, the equals sign.
What does it mean if a search engine is biased?	Search engines are sometimes paid by companies to show their websites at the top of search results.
What is an advanced search?	An advanced search can make an online search more accurate by selecting extra options through the search settings.
What effect does putting a – before a word have on search results?	This hides results which include that word. For example, 'animals –dogs' would give you information about all animals, minus dogs.
<b>Computer Science</b>	
When programming, what are variables?	Variables enable a program to react to different criteria. For example, you could program a score to increase if a character

	touches a red box, and decrease if the box is blue.
What is a randomiser?	A program which selects a random number, within a limit chosen by the programmer.
What is audio?	Audio means sound. A song is an audio file.
What is video?	Videos are a series of very rapid images. A movie would be a video file. Video files often have audio files attached.

Can you explain what each of these options do when 'logging off' of a laptop?



Answers:

**Switch user** – This leaves you logged on, but allows you to log on as a second user too. This is disabled on the school laptops.

**Log off** – This leaves your computer switched on, but logs you off, ready for the next person to log in.

**Lock** – This leaves your computer on and leaves you logged in. It locks anybody else out of the computer until your password is entered correctly.

**Restart** – This tells your computer to turn itself off, and then straight back on again. This is usually used when your computer needs to update.

**Sleep** – This will not log you off. It leaves the computer running on very low power so you can quickly resume working.

**Hibernate** – This will not log you off. It turns the computer off but leaves you logged on so you can resume working again.

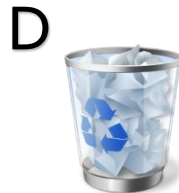
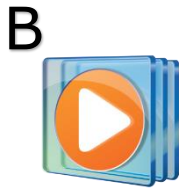
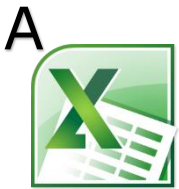
## Computing Curriculum Yr6

<b>Online Safety</b>	
What is a social media website?	Social media websites allow users to chat with friends and share information with other users. You can socialise online.
What is a social media profile?	A profile is your own space on a social media website. You can upload photos, add friends, and share things that you enjoy.
What type of information should you not share on social media?	Personal data.
What are privacy settings?	Privacy settings allow you to control who can access your social media profile. It is important that you check these regularly so that your profile is protected.
What are age restrictions?	Some websites, such as social media, have rules about how old you must be in order to use them.
What is a digital footprint?	This refers to the digital 'trail' that you leave behind when using the internet. This can be made up of social media profiles and information you post on any website.
What is cyber-bullying?	This is a form of bullying that takes place through the use of electronic devices, or through apps and social media. Be SMART, cyber bullying is never acceptable. Always tell an adult.
When we talk about using the internet, what are cookies?	Cookies are stored on your computer. They are text files made by websites you visit. It allows websites to tell if you have visited the site before.
Are cookies safe?	Yes. They are not programs, just text.
Do you have to accept cookies?	Yes. All sites will ask if you will accept their cookies. If you say no, you will not be able to access the website.
<b>Digital Literacy</b>	
What is an animation?	An animation is a film created by a sequence of images. The images have slight changes in the movement of the subject to create the illusion of movement when sequenced quickly.
What is stop-motion?	An animation technique which uses photographs of real life objects. The object is moved a tiny bit before each photo is taken to simulate movement.
What is a podcast?	A podcast is an audio show distributed online, much like a radio show. They are only accessible via a program like iTunes.
What is a jingle?	A jingle is a short catchphrase or verse set to music. Jingles are often used in radio advertising.



What is a microphone?	A device that turns vibrations in the air into a digital audio file.
What does AV stand for?	Audio-visual
What does AV mean?	Audio-visual refers to sound and sight, usually in the form of images with audio.
<b>Computer Science</b>	
What is a programming environment?	A programming environment is a program which allows you to write your own algorithms and create a program.
What is a block-based programming environment?	A programming environment where you drag boxes with commands into a flowchart.
When programming, what is a flowchart?	A flowchart shows the sequence of events that are to be used in an algorithm.
Can you name the block-based programming environment we use in school?	Scratch
What is a programming language?	A programming language is the way a computer understands typed out code.
What programming language do we write in at school?	Python

Can you name these programs just from their icons?



**Answers:**

A = Microsoft Excel  
 B = Windows Media Player  
 C = Microsoft Publisher  
 D = Recycle Bin  
 E = Skype  
 F = Internet Explorer  
 G = Google Chrome  
 H = AVG  
 I = Adobe Reader  
 J = McAfee