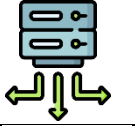
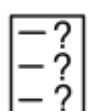
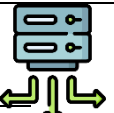


Year 2 Computing – IT around us

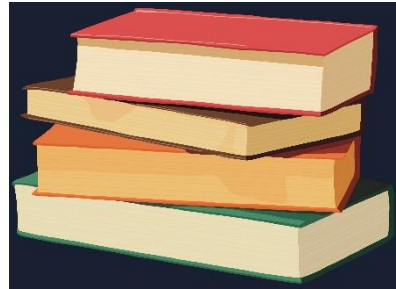
Vocabulary			Knowledge
Information technology	Tools like computers, tablets, phones or machines that help us share information		Information technology IT is all around us and we use different devices to work with information. It is used in schools, homes, offices, hospitals and so much more. We can use different devices to complete a task. Information technology can be used for communicating, playing on, entertaining and to help us. Most jobs will involve IT even if the job is not in IT. This can include telephones and emails. Different devices can be used together for its purpose. The computer system needs hardware and software. Barcode scanners are connected to computers which can read the barcodes very quickly. Every barcode represents a number. This number corresponds to one product.
Device	A tool that uses IT, like a computer or smartphone		
Network	Devices that are connected together so they can share information		
Computer system	A group of devices working together		
Hardware	The physical parts of a device (what you can touch)		
Software	The programs and apps on a device that tell it what to do		
Input	Something we put into a device		
Output	What comes out from a device		
App	A program we can open on a device to do a job		
Digital footprint	The trail of information we leave behind when we use the internet		Benefits of IT IT can help schools with learning and communication. This can help the children with researching and information. IT can also help workplaces by making jobs faster and easier to complete. It helps us connect with friends and family. Internet and networks A network is when devices are joined together so they can share information. The internet is a worldwide network that connects computers all over the world. We use the internet to visit websites, send messages and play games. When a device is online, it is connected to the internet.

Quizzing		Quiz at home																																																																																																											
Ask your partner the questions below. Can they find the correct answer on the right-hand side?		Ask your adult to look at the KO.																																																																																																											
What is an input?	A program we can open to do a job	Quiz them using the vocabulary and knowledge section or the quiz questions. • Can they beat your score? • Can they score more than 5? 10?  																																																																																																											
What do we call the parts of a computer we can touch?	Information technology																																																																																																												
What are barcode scanners connected to?	Hardware																																																																																																												
What is an app?	Something we put into a computer																																																																																																												
What does IT stand for?	To a till																																																																																																												
BIG Questions		Beat the Adult																																																																																																											
1. How does IT help people in their jobs? 2. Why is IT important in our lives? 3. How would our lives change with no IT? 4. How can we make sure we are using IT responsibly?		Your teacher can give 10 facts in 3 minutes about this topic. How many can you give to your partner? 																																																																																																											
Complete the spellings		Creative tasks																																																																																																											
<table><tr><td>D_v_ce</td><td></td></tr><tr><td>Har_w_r_</td><td></td></tr><tr><td>I_p_t</td><td></td></tr><tr><td>O_t_ut</td><td></td></tr><tr><td>S_of_w_re</td><td></td></tr></table>	D_v_ce		Har_w_r_		I_p_t		O_t_ut		S_of_w_re		1. Walk around your home and make a list (or draw pictures) of all the technology you can find (e.g., TV, tablet, washing machine). 2. Ask a family member: “What technology do you use every day?” Write down their answers or draw pictures. 3. Make a colourful poster showing “Technology I Use Every Day.” Include drawings or photos and label what each device does.	<table><tr><td>S</td><td>D</td><td>Y</td><td>B</td><td>L</td><td>H</td><td>K</td><td>A</td><td>K</td><td>K</td><td>Y</td><td>M</td></tr><tr><td>C</td><td>I</td><td>O</td><td>A</td><td>D</td><td>E</td><td>V</td><td>I</td><td>C</td><td>E</td><td>F</td><td>O</td></tr><tr><td>I</td><td>G</td><td>U</td><td>Q</td><td>X</td><td>P</td><td>M</td><td>A</td><td>P</td><td>P</td><td>Y</td><td>R</td></tr><tr><td>N</td><td>I</td><td>T</td><td>N</td><td>E</td><td>T</td><td>W</td><td>O</td><td>R</td><td>K</td><td>I</td><td>G</td></tr><tr><td>P</td><td>T</td><td>P</td><td>H</td><td>A</td><td>R</td><td>D</td><td>W</td><td>A</td><td>R</td><td>E</td><td>U</td></tr><tr><td>U</td><td>A</td><td>U</td><td>K</td><td>D</td><td>T</td><td>B</td><td>V</td><td>S</td><td>D</td><td>K</td><td>U</td></tr><tr><td>T</td><td>L</td><td>T</td><td>G</td><td>X</td><td>T</td><td>F</td><td>F</td><td>P</td><td>Y</td><td>Z</td><td>V</td></tr><tr><td>S</td><td>O</td><td>F</td><td>T</td><td>W</td><td>A</td><td>R</td><td>E</td><td>K</td><td>Q</td><td>B</td><td>J</td></tr></table>	S	D	Y	B	L	H	K	A	K	K	Y	M	C	I	O	A	D	E	V	I	C	E	F	O	I	G	U	Q	X	P	M	A	P	P	Y	R	N	I	T	N	E	T	W	O	R	K	I	G	P	T	P	H	A	R	D	W	A	R	E	U	U	A	U	K	D	T	B	V	S	D	K	U	T	L	T	G	X	T	F	F	P	Y	Z	V	S	O	F	T	W	A	R	E	K	Q	B	J	App Device Digital Hardware Input Network Output Software
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Write the definition for each of the following words			Write the vocabulary word for each definition		
Vocabulary			Vocabulary		
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Digital footprint				The trail of information we leave behind when we use the internet	

Enquiry

What is the same? What is different?



Design your own technology

Design your own piece of technology to help at home or school e.g. a homework helper machine.

Draw and label it below.

A large, empty rectangular box with a black border, intended for a student to draw and label their own piece of technology. The box is positioned on the right side of the page, below the text instructions.

Knowledge	Knowledge
Information technology IT is all around us and we use different to work with information. It is used in schools, homes, offices, hospitals and so much more. We can use different devices to complete a can be used for communicating, playing on, entertaining and to help us. Most jobs will involve IT even if the job is not in IT. This can include telephones and emails. Different devices can be used for its purpose. The computer system needs and Barcode scanners are connected to computers which can read the barcodes very quickly. Every barcode represents a . This number corresponds to one product. Benefits of IT IT can help schools with learning and This can help the children with researching and information. IT can also help workplaces by making jobs and easier to complete. It helps us with friends and family. Internet and networks A is when devices are joined together so they can share information. The internet is a worldwide network that connects all over the world. We use the internet to visit websites, send messages and play games. When a device is , it is connected to the internet.	Information technology Benefits of IT Internet and networks

