3D - Discovery Curriculum – ICT – Computing/ 2 Lessons

	2022 - 23 Autumn 1 Unit 1	2022 - 23 Autumn 2 Unit 2	2022 – 23 Spring 1 Unit 3	2022 – 23 Spring 2 Unit 4	2022 – 23 Summer 1 Unit 5	2022 – 23 Summer 2 Unit 6
Year 7	**Topic:** ICT Expectations Login/Managing our area on the school network ICT Expectations How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? **Suggested Key questions:** What should you never do with logins and passwords? Where do we store the work we create on the computer? How do we create a folder in your area? **Key skills and knowledge:** Talk about good & bad choices in real life e.g. taking turns, saying kind things, helping others, telling an adult if something upsets you. Play appropriate games on the Internet. Talk about good and bad choices when using websites – being kind, telling a grown up if something upsets us & keeping ourselves safe by keeping information private.	**Topic:** Online safety **Jessie & Friends** The key message for children throughout *Jessie and Friends* is that if a child ever feels worried about anything that happens online, they should seek help from an adult they trust. Further learning outcomes include identifying and responding safely to manipulative, pressurising and unhealthy behaviour online, and considering the safety and rights of themselves and other children when sharing content online. **Suggested Key Questions:** What does being online look like? What are the different feeling we can experience when we are online? How do we identify adults who can help? Can photos be shared online? **Key skills and knowledge:** Talk about good & bad choices in real life e.g.	**Topic:** Information Technology – using the Ipad iMovie **Suggested Key Questions:** What do visitors need to know about Queensbury School? What subjects do students learn? What are your favourite rooms/ subjects? What teachers should we include in our tour **Key skills and knowledge:** Use a mouse to rearrange objects and pictures on a screen. Recognise text, images and sound when using ICT. Use a camera or sound recorder to collect photos or sound Use paint programs to create pictures.	**Topic:** Using word **Suggested Key Questions:** How do you centralise the title? How can you change the font? Size? How do you change colour of the font or highlight text. What do we mean by Algorithms? (setting instructions) **Key skills and knowledge:** Recognise purposes for using technology in school and at home. Understand that things they create belong to them and can be shared with others using technology.	**Topic:** Using power point **Suggested Key Questions:** How can you change the back ground slides? How do import an image? How can you change the font/ add word art? What are your interests? What do you like best about school? What is important to you? **Key skills and knowledge:** Help adults operate equipment around the school, independently operating simple equipment Use simple software to make things happen	**Topic:** Using Publisher **Suggested Key Questions:** What makes a successful poster? How can you add text / change font-using publisher? What information should be included? How do you select an image? Make adjustments, crop and remove background? **Key skills and knowledge:** Use a mouse to rearrange objects and pictures on a screen. Recognise text, images and sound when using ICT. Use a camera or sound recorder to collect photos or sound Use paint programs to create pictures.

		taking turns, saying kind things, helping others, telling an adult if something upsets you. Play appropriate games on the Internet. Talk about good and bad choices when using websites – being kind, telling a grown up if something upsets us & keeping ourselves safe by keeping information private.			
Links to Gatsby Benchmarks:	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment
Year 8	**Topic:** ICT Expectations Login/Managing our area on the school network Create front cover for books Keyboard skills **Key Questions:** ICT Expectations How should we conduct ourselves in the ICT room? What safety rules do have to follow and why?	**Topic: Online safety** **Suggested Key Questions:** What is a computer virus? What harm can computer viruses cause? How could you know if your computer had a virus? What steps can you take to remove a virus? What is a computer worm? What is a Trojan Horse What is spyware?	**Topic:** Technology – using the Ipad iMovie Suggested Key Questions: What do visitors need to know about Queensbury School? What subjects do we offer? What do students learn in these subjects? What are your favourite rooms/ subjects? Why?	**Topic:** Using word **Key Questions:** How do you centralise the title? How can you change the font? Size? How do you change colour of the font or highlight text. What do we mean by Algorithms? (setting instructions)	Using power point **Key Questions:** How can you change the back ground slides? How do import an image? How can you change the font/ add word art? What are your interests? What do you like best about school? What is important to you? **Key skills and**	**Topic:** Using Publisher **Key Questions:** What makes a successful poster? How can you add text / change font-using publisher? What information should be included? How do you select an image? Make adjustments, crop and remove background?

	Login/Managing our area on the school network What should you never do with logins and passwords? Where do we store the work we create on the computer? How do we create a folder in your area? Creating front cover for ICT books What program can we use? How do we add are name? What should we use for the first letter of our name? What type of image can we use to show our books are for ICT? What else can we add to our cover? Keyboard skills **Key skills and knowledge:** With prompts can discuss why we need to follow certain rules to remain safe when visiting places online. With support will explore how email can be used to communicate with real people within their schools, families & communities. Will create a safe pass word with teacher support.	What do you need to keep safe n your computer? What makes a safe password? What is a digital footprint? **Key Skills and knowledge:** With prompts can discuss why we need to follow certain rules to remain safe when visiting places online. With support will explore how email can be used to communicate with real people within their schools, families & communities. Will create a safe pass word with teacher support.	What teachers should we include in our tour **Key Skills and knowledge:** Record their own voices and play back. Use a video or stills camera to record an activity.	**Key Skills and knowledge:** Will visual prompts can recognise uses of technology in their homes and in their community. Begin to understand that there are online tools that can help them create and communicate.	**knowledge:** With support can add text and images to a template document using an image & word bank	**Key skills and knowledge:** Collect information as photos or sound files. Use a simple pictogram or set of photos to count and organise information.
Gatsby benchmark	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Advertising, web designer. Working in office based environment	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer. Office based environment	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers Graphic designer, illustrator/ Working in office based environment

Year 9	Topic: ICT Expectations Login/Managing our area on the school network Create front cover for books Keyboard skills **Key Questions:** ICT Expectations How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? Login/Managing our area on the school network What should you never do with logins and passwords? Where do we store the work we create on the computer? How do we create a folder in your area? Creating front cover for ICT books What program can we use? How do we add are name? What should we use for the first letter of our name? What type of image can we use to show our books are for ICT? What else can we add to our cover? Keyboard skills **Key skills and knowledge:** Learn that many websites ask for information that is private & discuss how to responsibly handle such requests. Explore how email can be used to	Topic: **Online safety** **Suggested Key Questions:** What is a computer virus? What harm can computer viruses cause? How could you know if your computer had a virus? What steps can you take to remove a virus? What is a computer worm? What is a Trojan Horse What is spyware? What do you need to keep safe n your computer? What makes a safe password? What is a digital footprint? **Key Skills and knowledge:** Understand they need to follow certain rules to remain safe when visiting places online. Begin to understand that if you creative something you own it. Learn that many websites ask for information that is private & discuss how to responsibly handle such requests.	Topic: Technology – using the Ipad iMovie Suggested Key Questions: What do visitors need to know about Queensbury School? What subjects do we offer? What do students learn in these subjects? What are your favourite rooms/ subjects? Why? What teachers should we include in our tour **Key Skills and knowledge:** Record their own voices and play back to an audience and discuss their experience. Use a video or stills camera to record an activity. Create sounds and simple music phrases using ICT tools.	Topic: Using word **Key Questions:** How do you centralise the title? How can you change the font? Size? How do you change colour of the font or highlight text. What do we mean by Algorithms? (setting instructions) **Key Skills and knowledge:** Recognise uses of technology in their homes and in their community. Understand that there are online tools that can help them create and communicate.	Using power point **Key Questions:** How can you change the back ground slides? How do import an image? How can you change the font/ add word art? What are your interests? What do you like best about school? What is important to you? **Key skills and knowledge:** Will take photographs, video and record sound to record learning experiences. Look at how data is representing digitally. Contribute to and interpret a pictogram.	Topic: Using Publisher **Key Questions:** What makes a successful poster? How can you add text / change font-using publisher? What information should be included? How do you select an image? Make adjustments, crop and remove background? **Key skills and knowledge:** Add text and images to a template document using an image & word bank Use index fingers (left and right hand) on a keyboard to build words &sentences. Know when & how to use the SPACE BAR (thumbs) to make spaces between words

	communicate with real people within their schools, families & communities. Learn that directory sites with alphabetical listings offer one way to find things on the Internet.					
Gatsby bench mark	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment	4. Linking curriculum learning to careers Advertising, presentation skills. Working in office based environment	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers Skills needed to keep safe on line. Working in office based environment. Skills needed to present and communicate an idea effectively.