3D - Discovery Curriculum – *ICT - 2 Lessons*

	2024 - 25 Autumn 1 Unit 1	2024 - 25 Autumn 2 Unit 2	2024 - 25 Spring 1 Unit 3	2024 – 25 Spring 2 Unit 4	2024 – 25 Summer 1 Unit 5	2024 – 25 Summer 2 Unit 6
Year 7	**Topic: What is a computer?** -Everyday Technology. **Use Sheffield SEND Computing SOW- Unit 1A. Recommended activities 1 to 5.** **Suggested Key questions:** What is a computer? What technology can you see around you? How sounds do they make? What do they do? Who uses them? Can you take a photo of them? **Key skills and knowledge:** Explore technology - Begin to try to use different digital devices, e.g. computer, camera, tablet. - Recognise different digital devices, e.g. computer, tablet, camera. - Recognise that different devices are used for different purposes, e.g. camera to take photo.	**Topic: What is a computer?** -Everyday Technology. **Use Sheffield SEND Computing SOW- Unit 1A. Continue with activities 5 to 12 (Progress dependent)** **Outcome is symbol based acceptable use agreement for the class.** **Suggested Key questions:** What is a computer? What objects have or use computers? Where have you seen people use computers? What do they do? Who uses them? What parts of a computer can you recognise and name? **Key skills and knowledge:** Explore technology - Begin to try to use different digital devices, e.g. computer, camera, tablet. - Recognise and name different parts of a computer and tablets. -Know how to treat computers- what is right and wrong.	**Topic: Online Safety** https://www.thinkuknow.co.uk/parents/jessie-and-friends-videos/ **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:**	**Topic: What is a computer?** -Key Skills. **Sheffield SEND Computing SOW- Unit 1C** **Mixed with extended typing practice using TYPING.COM – beginner lessons.** **ICT Expectations. Parts of a computer. Keyboard skills. Logging on to the computer- use of login cards. Set of instructions- typed.** **Suggested Key Questions:** How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? What should you never do with logins and passwords? How do we login in and/or save our work? What do the buttons on the keyboard do? **Key Skills and knowledge:** With support can add text and images to a template document in MSWord using an image & word bank Begin to use index fingers (left and right hand) on a keyboard to build words & sentences.	**Topic: What is a computer?** -Images from the internet. **Sheffield SEND Computing SOW- Unit 1C** **Still mixed with extended typing practice using TYPING.COM – beginner lessons.** **Logging on to the computer- use of login cards. Opening internet. Typing a given word into google image search. Finding different images of the same thing, e.g. trees, footballs, children. Copy and paste into a word doc.** **Suggested Key Questions:** How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? What should you never do with logins and passwords? How do we login in and/or save our work? What do the buttons on the keyboard do? **Key Skills and knowledge:** With support can add text and images to a template document in MSWord using an image & word bank	**Topic: Using Word** **Opening a MSWord doc.** **Creating a page about things about thing you like (objects, family, food, games)** **Key Questions:** How do underline a title? How can you change the font? Where can you find an image to go with that word? How can you make it appear on your page? What does the save button look like? **Key Skills and knowledge:** Typing given words using correct hand placement. Fine motor mouse skills. Looking for an image online to go with my word. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.

			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.	To know the space bar makes 'finger spaces' between words. With visual prompts can recognise uses of technology in their homes and in their community.	With support can look for an image on google. With support can copy some images to put in a word doc together. Begin to use index fingers (left and right hand) on a keyboard to build words & sentences. To know the space bar makes 'finger spaces' between words.	
Links to Gatsby Benchmarks:	4. Linking curriculum learning to careers. Recognising technology and how it helps us and others. Beginning to be able to use some technology.	4. Linking curriculum learning to careers. Recognising technology and how it helps us and others. Beginning to be able to use some technology.	4. Linking curriculum learning to careers. Skills needed to keep safe online. Working in an office-based environment.	4. Linking curriculum learning to careers. Skills needed to keep safe online. Working in an office-based environment.	4. Linking curriculum learning to careers. Word processing. Web designer Magazine layout designer Advertising director Typographer	4. Linking curriculum learning to careers. Word processing. Web designer Magazine layout designer Advertising director Typographer
	2024 - 25 Autumn 1 Unit 1	**2024- 25 Autumn 2 Unit 2**	**2024 - 25 Spring 1 Unit 3**	**2024 – 25 Spring 1 Unit 3**	**2024 – 25 Spring 2 Unit 4**	**2024 – 25 Summer 1 Unit 5**

Year 8						
	Topic: What is a computer? -Key Skills. **Sheffield SEND Computing SOW- Unit 1C.** See progression through suggested activities on unit- more 'use of internet' based. **Still mixed with extended typing practice using TYPING.COM – beginner lessons- Focus on hand and finger placement.** **ICT Expectations. Parts of a computer. Keyboard skills. Logging on to the computer- use of login cards. Use of the internet.** **Suggested Key Questions:** How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? What should you never do with logins and passwords? How do we login in and/or save our work? What do the buttons on the keyboard do? **Key Skills and knowledge:** With support can add text and images to a template document in MSWord using an image & word bank Begin to use index fingers (left and right hand) on a keyboard to build words & sentences. Looking for an image online to go with my word. Right clicking copy and paste. Begin to understand that there are online tools	**Topic: What is a computer?** -Images from the internet. **Sheffield SEND Computing SOW- Unit 1C** **Still mixed with extended typing practice using TYPING.COM – beginner lessons.** **Logging on to the computer- use of login cards. Opening internet. Typing a given word into google image search. Finding different images of the same thing, e.g. trees, footballs, children. Copy and paste into a word doc.** **Suggested Key Questions:** How should we conduct ourselves in the ICT room? What safety rules do have to follow and why? What should you never do with logins and passwords? How do we login in and/or save our work? What do the buttons on the keyboard do? **Key Skills and knowledge:** With support can add text and images to a template document in MSWord using an image & word bank With support can look for an image on google. With support can copy some images to put in a word doc together. Begin to use index fingers (left and right hand) on a keyboard to build words & sentences.	**Topic: Online Safety –** **Play like share (CEOP)** **Suggested Key Questions:** What is Internet safety? What are privacy settings? Why could social media be harmful? How would advise someone to stay safe online? What is a troll? How could social media affect our daily lives? Internet Safety week in February. **Key Skills and knowledge:** Will demonstrate understanding that some websites that are good for them to visit & some sites are inappropriate. Will explain what is meant by the term cyber-bullying Know that if they put information online it leaves a digital footprint or "trail" & they need to manage it, so it is not hurtful. Will confidently discuss with support criteria for rating informational websites a site.	**Topic: Using Word** **Opening a MSWord doc.** **Creating an information page on a given topic- this could be linked to current learning in another subject area.** **Key Questions:** How do underline a title? How can you change the font? Can you change the colour of the writing? Where can you find an image to go with that word? How can you make it appear on your page? What does the save button look like? **Key Skills and knowledge:** Typing given words using correct hand placement. Fine motor mouse skills. Looking for an image online to go with my words or phrases. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.	**Topic: Digital Art** **Sheffield SEND Computing SOW- Unit 2A. Suggested activities 1-4.** **Mouse fine-motor and clicking skill to colour or paint.** **Key Questions:** What is art? What can it look like? Can you make art on a computer? Can you click to pick a colour for a picture? (coloring4all.com) Can you paint with a digital brush using a mouse or a touch screen? **Key skills and knowledge:** - Explore technology, e.g. an art package. - Demonstrate a preference for an image from a selection. - Create simple digital content e.g. create an image in an art package. - Select basic options in a familiar application to create artwork, e.g. colour of pen. - Select basic options in a familiar application to change appearance of media, e.g. font size, pen style	**Topic: Photographs - Using Powerpoint(could be whole class)** **Sheffield SEND Computing SOW- Unit 2C. Suggested activities in unit (purple).** **Key Questions:** What is a photo? How is this different from a picture? Where does a photo come from? Can you match photos to words or subjects? Can you pick something to take a photo of? Can you take a photo on an ipad? Can you print this photo with support? **Key skills and knowledge:** -Explore technology e.g. camera - Operate a digital device with support e.g. take a photograph using a tablet or camera - Demonstrate a preference for a photo from a selection -Choose media to convey information, e.g. a photo of a person

	that can help them create and communicate. With visual prompts can recognise uses of technology in their homes and in their community.	To know the space bar makes 'finger spaces' between words.				
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	Autumn 1 Unit 1	Autumn 2 Unit 2	Spring 1 Unit 3	Spring 1 Unit 4	Spring 2 Unit 5	Summer 1 Unit 6
Year 9	**Topic:** ICT Expectations. **Login/Managing our area on the school network** **Create front cover for books** **Keyboard skills, mouse and typing games online.** **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 our 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.	**Topic:** Using Word **Opening a MSWord doc.** **Teachers' choice of project using MSWord- level of direct as individually required.** **Key Questions:** How do underline a title? How can you change the font? Can you change the colour of the writing? Where can you find an image to go with that word? How can you make it appear on your page? What does the save button look like? **Key Skills and knowledge:** Typing given words using correct hand placement. Fine motor mouse skills. Looking for an image online to go with my words or phrases. Right clicking copy and paste. Begin to understand that there are online tools that can help them create and communicate.	**Topic:** Online Safety – **Play like share (CEOP)** **Suggested Key Questions:** What is Internet safety? What are privacy settings? Why could social media be harmful? How would advise someone to stay safe online? What is a troll? How could social media affect our daily lives? Internet Safety week in February. **Key Skills and knowledge:** Will demonstrate understanding that some websites that are good for them to visit & some sites are inappropriate. Will explain what is meant by the term cyber-bullying Know that if they put information online it leaves a digital footprint or "trail" & they need to manage it, so it is not hurtful. Will confidently discuss with support criteria for rating informational websites a site.	**Topic:** Using power point **Sheffield SEND Computing SOW- Unit 2F. Suggested activities 9-10.** **Key Questions:** Can you choose an image to convey information? How can you change the background slides? How do import an image? Can you make more than one slide? **Key skills and knowledge:** -Demonstrate a preference for digital content from a selection, e.g. choose an image or music to add to a poster or presentation. -Look at how data is representing digitally. -Contribute to and interpret a pictogram. - Select basic options in an application, e.g. colour of text - Present information using appropriate software with support	**Topic:** Digital Art **Sheffield SEND Computing SOW- Unit 2A. Suggested activities 5-7.** **Mouse fine-motor and clicking skill to colour or paint.** **Key Questions:** What is art? What can it look like? Can you make art on a computer? Can you click to pick a colour for a picture? (coloring4all.com) Can you paint with a digital brush using a mouse or a touch screen? **Key skills and knowledge:** - Explore technology, e.g. an art package. - Demonstrate a preference for an image from a selection. - Create simple digital content e.g. create an image in an art package. - Select basic options in a familiar application to create artwork, e.g. colour of pen. - Select basic options in a familiar application to change appearance of media, e.g. font size, pen style	**Topic:** Films and Videos **Sheffield SEND Computing SOW- Unit 2D. Suggested activities 1-6.** **Key Questions:** What is a video? What devices can I watch a video on? How can I control video playback? What cameras can make a video? Can I be in a video? **Key skills and knowledge:** - Explore technology, e.g. iPads, smart screens and digital cameras. - Playing and pausing videos. -Picking videos I like from a list. -Recognising my favourite type of video. -Speaking, signing, or otherwise communicating to a camera. -Watching and evaluating myself in a video.

	How do find information online. How to better define searches.					
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The SEND Scheme of work can be found here:
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