Subject: ICT   Year group: 7   Exam board: N/A

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Digital Graphics - Introduction to Vector and Bitmap graphics	Raster Vector File Types Graphics Open Source Legislations Compression Layers Pixels Binary	www.teach-ICT.com BBC Bitesize Representing text, images and sound https://www.bbc.co.uk/bitesize	Creating an Image Task Year 7 ICT exam	• BBC Bitesize Quizzes • Reading over notes created during lessons
Scratch programming - Creating a maze game	Script Sprite Duplicate	https://scratch.mit.edu Tutorials saved in Student Shared (T: Drive)	Creating a Scratch Game project Year 7 ICT exam	• Review Youtube videos demonstrating the addition of animation techniques. • Recreating and expanding on animations developed during lessons.

Subject: ICT   Year group: 8   Exam board: N/A

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Networks	Topologies Networks LAN WAN PAN Server Internet WWW Client IP Address Bandwith	Different Types of Networks Worksheets (Shaved in Student Resources ICT) BBC Bitesize resources https://www.bbc.co.uk/bitesize/guides/zc6rcdm/revision/1	Completion of Network homework activity Year 8 ICT exam	• BBC Bitesize Network quizzes • Teach-ICT.com revision material
Animations	2D 3D Stop Frame Claymation Frames FPS Onion Skin Duplicate Layers	• Guide to Macromedia Flash – (Saved in Student Resources ICT) • 2D animation video clips on Youtube • Animation - Activity sheets 1 to 4 (Saved in Student Resources ICT)	Animation Project – Plan, design and create an animation to show the importance of staying safe when online Year 8 ICT exam	• Work through the array of tutorials saved in Student Shared Drive (T:), teaching different techniques and uses of each code. • Review Youtube videos demonstrating the addition of Scratch techniques.

Subject: ICT   Year group: 9   Exam board: N/A

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Interface Design	Audience Design Implement Testing Accessibility Design Principles Constraints Review Navigation	PSA June 2023 Assessment sheet, saved in Student Shared (T: Drive) PSA June 2023 Assessment Zipped folder, (storing images) saved in Student Shared (T: Drive) Microsoft PowerPoint	Completion of Interface Design for 'The Ski Arena' assignment	• Revise the different interface design principles and how they can effectively be applied to an interface.
Python Programming	Syntax Strings Outputs Functions Loops	https://www.python.org/ https://www.w3schools.com/python/python_intro.asp https://www.codecademy.com/catalog/language/python Python IDLE	Progress through code academy and w3schools tutorials. Creating a calculator assessment task.	• Review Youtube videos demonstrating the use of Python programming features and techniques

Subject: ICT   Year group: 10   Exam board: Pearsons (Edexcel)

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
Summer 1: • Policies • Digital Systems • Forms of notation • Legal and ethical • Responsible use	• Diagrams • Annotate • Describe • Discuss • Draw • Evaluate • Explain • Identify • State	• Active Learn online textbook • Bank of Past exam papers saved on google classroom • Course specification	Component 3 (Effective Digital Working Practices) – 1 hour 30 minute: Mock exam: April 2024	• Past exam papers saved on Google classroom • Active Learn end of topic Assessment tasks
Summer 2: • Data processing methods • Producing a dashboard • Drawing conclusions based on findings in the data • How presentation affects understanding	Data Information Representation Validation Verification Data Collection Sectors Quality Manipulation Threats Dashboard Processing Referencing	• Active Learn online textbook • Course specification • Past Controlled Assessment Sample Assessments • Past Assessments.	• Completion of Active Learn exercises. • End of Unit test – May 24	• Past Controlled Assessments saved on Google classroom • Active Learn feature activities

Subject: ICT   Year group: 11   Exam board: Pearsons (Edexcel)

Summer Term:

Topics Covered	Keywords	Useful Resources	Assessment opportunities	Revision ideas
- Cloud Storage / Computing - Impact of modern technologies - Threats to data - Prevention and management of threats to data - Policies - Digital Systems - Forms of notation - Legal and ethical - Responsible use	- Diagrams - Annotate - Describe - Discuss - Draw - Evaluate - Explain - Identify - State	- Active Learn online textbook - Bank of Past exam papers saved on google classroom - Course specification	Component 3 (Effective Digital Working Practices) – 1 hour 30 minute written exam paper on 2nd May 2024	- Past exam papers saved on Google classroom - Active Learn end of topic Assessment tasks