Denton Community College

Departmental Curriculum Map Template

Subject: Computer Science **Year Group:7**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	Intro to school networks, external online services and baseline	Impact of technology	Cyber Security	Graphics	iDEA – Work towards Bronze award	iDEA – Work towards Bronze award, Baseline revisited
What will students during this unit?	Students will learn how to access school systems and resources used throughout computer science at KS3.	Students learn how to behave online respectfully, responsibly with consideration for theirs.	Students learn how to search effectively, how to spot fake news and check sources of information.	Students learn how to use a range of software to create a graphical solution. There is reference to the technical aspects of graphics e.g. pixels	Students apply what they have learnt and work towards their bronze award within iDEA. This award supports students' level of digital literacy.	Students apply what they have learnt and work towards their bronze award within iDEA. This award supports students' level of digital literacy.
When will students be assessed?	Twice per half term, which is equal to once every two weeks.	Twice per half term, which is equal to once every two weeks.	Twice per half term, which is equal to once every two weeks.	Twice per half term, which is equal to once every two weeks.	Twice per half term, which is equal to once every two weeks.	Twice per half term, which is equal to once every two weeks.
How will students be assessed?	• Baseline digital assessment • Low-stakes lesson quiz • End of unit written assessment	• Low-stakes lesson quiz • End of unit written assessment	• Low-stakes lesson quiz • End of unit written assessment	• Low-stakes lesson quiz • End of unit written assessment	• Low-stakes lesson quiz • End of unit written assessment	• Low-stakes lesson quiz • End of unit written assessment
Key Vocabulary	Respect, diligence, courteous, considerate, online safety, digital footprint	Respect, responsibility, empathy, consideration, positive, negative,	Query, search, advanced search, AND, OR, NOT, Boolean operators, fake news, sharing, passive,	Bitmap, image, manipulation, edit, purpose, repurpose, copyright,	Explore, independent, digital literacy,	Explore, independent, digital literacy,

Homework opportunities to broaden or deepen student knowledge	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.	IDEA is used for homework which encourages a broad and balanced view of digital literacy outside of computer science. Students aim for a bronze award by the end of Y7 and silver by end of Y9. Lessons link to specific “badges” which encourage further knowledge of topic.
Links to the National Curriculum	Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy; recognise inappropriate content, contact and conduct, and know how to report concerns.	Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users.	Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting their online identity and privacy; recognise inappropriate content, contact and conduct, and know how to report concerns.	Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users.	Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users.	Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users.