

St Bede's Catholic Voluntary Academy

KS3 Age Related Expectations

Department: Computing

Year Group: 7

Working Towards	Working At	Working Beyond
Term 1 - Digital Literacy – - Identify multiple potential dangers when using the internet across multiple devices. - Identify how to access and use Office 365. - Identify how to access Microsoft Outlook via Office 365. - Identify how to access Microsoft Teams via Office 365.	Term 1 - Digital Literacy – - Describe and apply multiple safe practices when using the internet. - Describe and apply multiple best practices when using “Office 365”. - Describe and apply multiple best practices when using “Outlook”. - Describe and apply multiple best practices when using “Microsoft Teams”.	Term 1 - Digital Literacy – - Explain how the rule of law applies to e-safety related safe practices. - Explain how to use and apply multiple advanced practices for “Office 365”. - Explain how to use and apply multiple advanced practices for “Outlook”. - Explain how to use and apply multiple advanced practices for “Microsoft Teams”.
Term 2 - Digital Literacy – - Identify the different features of Microsoft Word. - Identify the different features of Microsoft PowerPoint. - Identify the different features of Microsoft Excel.	Term 2 - Digital Literacy – - Describe and apply multiple best practices when using “Microsoft Word”. - Describe and apply multiple best practices when using “Microsoft PowerPoint”. - Describe and apply multiple best practices when using “Microsoft Excel”.	Term 2 - Digital Literacy – - Explain how to use and apply multiple advanced practices for “Office Microsoft Word”. - Explain how to use and apply multiple advanced practices for “Microsoft PowerPoint”. - Explain how to use and apply multiple advanced practices for “Microsoft Excel”.



Term 3 – Digital Citizenship – • Identify who CEOP are. • Understand what an “Online Identity” is and why it is important. • Understand what “Artificial Intelligence” is. Term 4 – Information Technology - • Identify the core components of a computer. • Identify multiple operating systems used in modern day computers. • Identify binary codes what a “1” and “0” represent in binary code.	Term 3 – Digital Citizenship – • Describe what CEOP do and how and when to use the online services provided by CEOP. • Describe what features make up an individual's “Online identity” and best practices to manage them safely. • Describe how AI can be used within social media and how to identify false information and content. Term 4 – Information Technology - • Describe multiple core components of a computer and what function they perform. • Describe multiple operating systems that can be used in a computer and their features. • Describe how to decode up to four-digit binary code into denary form.	Term 3 – Digital Citizenship – • Explain how CEOP works in its wider role within the Police and other local authorities. • Explain the potential wider consequences of not safely managing an “Online identity”. • Explain how to use AI responsibly within applications. Term 4 – Information Technology - • Explain how a computer is built. • Evaluate the choice and effectiveness of the components used in a computer for its set purpose. • Evaluate the effectiveness of an operating system. • Explain how Binary coding links to other coding languages.
---	---	---



Term 5 – Computer Science • Identify what an “if” statement is • Identify what an "else" statement is. • Identify what a “then” statement is. Term 6 – Computer Science • Identify multiple coding languages. • Identify what a variable is. • Identify what a sequence is. • Identify what an algorithm is.	Term 5 – Computer Science • Describe what Boolean logic is. • Describe how to use an “if” statement. • Describe how to use an “else” statement. • Describe how to use an “then” statement. Term 6 – Computer Science • Describe what Python is and how it is used in industry. • Describe what Boolean logic is and how to apply it. • Describe some best practices in how to debug Python code. • Describe how to program a “loop” statement in Python.	Term 5 – Computer Science • Explain how Boolean Logic can be applied in modern day digital devices. • Explain how “if”, “else”, and “then” statements are used in programming today. • Explain what lists are and how they may be used. Term 6 – Computer Science • Explain how Boolean Logic can be applied in modern day digital devices. • Explain how debugging process are used in modern day industry. • Explain how Python relates to other coding languages.
---	--	--

