

	<ul style="list-style-type: none"> Written topic test paper 	<ul style="list-style-type: none"> Written topic test paper 	<ul style="list-style-type: none"> Rubric used to assess written code 	<ul style="list-style-type: none"> Rubric used to assess written code 	<ul style="list-style-type: none"> Written topic test paper 	<ul style="list-style-type: none"> Mock assessment
Key Vocabulary	Binary, Hexadecimal, Denary, Conversion, Abstraction, Decomposition, Algorithm, Pattern Recognition, Computer components, Application, utility and system software, Units of data.	Primary, secondary key, relational database. Data Types, Ethical, Legal, Environmental, Cultural impact, Users, Business and digital commerce, AND, OR, NOT, Logic Gates, Expression.	Abstraction, decomposition, algorithm, pattern recognition, Programming constructs selection, sequence and iteration. Test, valid, erroneous.	Abstraction, decomposition, algorithm, pattern recognition, Programming constructs selection, sequence and iteration. Test, valid, erroneous.	HTTPS, Protocols, Rules, Security, Malware, vulnerabilities.	Network, Data Packets, WWW, HTTPS, Protocols, Rules, Security, Malware, vulnerabilities.
Homework opportunities to broaden or deepen student knowledge	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.	Seneca Learning is used for homework which encourages students to independently revise. Students also have opportunities to improve their problem solving skills via Cyber Discovery. Finally, students can perfect their python programming skills, knowledge and understanding via Seneca Learning, is tracked on the Student Progress Tracker.

<p>Links to the National Curriculum</p>	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology 	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology 	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology 	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology 	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology 	<ul style="list-style-type: none"> • develop and apply their analytic, problem-solving, design, and computational thinking skills • develop their capability, creativity and knowledge in computer science, digital media and information technology
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