

Parental Assessment Calendar – Computing

	<u>Assessment window 1</u>	<u>Report sent home to parents</u>	<u>Assessment window 2</u>	<u>Report sent home to parents</u>	<u>Assessment window 3</u>	<u>Report sent home to parents</u>
Year 7	Week beginning: 25/11/2023	Week beginning: 16/12/2024	Week beginning: 31/03/2024	Week beginning: 19/05/2025	Week beginning: 16/06/2024	Week beginning: 07/07/2025
Year 8	Week beginning: 18/11/2023	Week beginning: 16/12/2024	Week beginning: 03/03/2024	Week beginning: 31/03/2025	Week beginning: 16/06/2024	Week beginning: 07/07/2025
Year 9	Week beginning: 07/10/2023	Week beginning: 04/11/2024	Week beginning: 06/01/2024	Week beginning: 03/02/2025	Week beginning: 02/06/2024	Week beginning: 07/07/2025
Year 10	Week beginning: 11/11/2023	Week beginning: 09/12/2024	Week beginning: 04/02/2024	Week beginning: 24/03/2025	Week beginning: 19/05/2024	Week beginning: 07/07/2025
Year 11	Week beginning: 14/10/2023	Week beginning: 02/12/2024	Week beginning: 27/01/2024	Week beginning: 17/03/2025	Week beginning: 12/05/2023	Results day: 21/08/2025

Assessment | When do formal assessments take place?

Year 7

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Computing	<p>Getting Started</p> <ul style="list-style-type: none"> • What is the purpose of emailing? • What are the benefits and limitations of emailing? • What skills and tools do we need to create google documents? <p>Digital Behaviours</p> <ul style="list-style-type: none"> • What is Cybercrime? • How do we prevent phishing? • How do we stay safe online? • How do we combat cyberbullying? • How do we create a strong password? 	<p>Into the Future</p> <ul style="list-style-type: none"> • What is an IOT device? • What is the difference between Virtual and Augmented reality? • How will artificial intelligence impact the future of technology? • How do biological interfaces impact our health? • What impact does autonomous vehicles have on society? <p>Computational Thinking</p> <ul style="list-style-type: none"> • What are the four stages of computational thinking? • What is the difference between a syntax and a logic error? • How does computational thinking help us to solve problems? 	<p>Programming</p> <ul style="list-style-type: none"> • How can we debug problems? • What is the difference between a sequence, selection and iteration algorithm? • What is a variable? • What are the different data types we use in programming? <p>Comics</p> <ul style="list-style-type: none"> • What is a comic? • What are the storytelling tools for creating a comic? 	<ul style="list-style-type: none"> • Knowledge Organisers (Google Classroom) • Lesson Content (Google Classroom) • Mind Mapping • Roadmap

Year 8

Subject	Assessment window 1:	Assessment window 2:	Assessment window 3:	What can I use to help with revision?
Computing	<p>What do I need to know to be a knowledge expert for my assessment?</p> <p>Inside a Computer</p> <ul style="list-style-type: none"> • What is a peripheral device? Input, output and Storage • How do internal components communicate? • What are the functions of different internal components? • What is the purpose of the CPU? • What is the FDE Cycle? • What is the difference between an embedded system and a microprocessor? • What factors affect the performance of a CPU? • What is the difference between volatile and non-volatile memory using examples? • What is an operating system? What functions does the operating system perform? 	<p>What do I need to know to be a knowledge expert for my assessment?</p> <p>Our Digital Society</p> <ul style="list-style-type: none"> • What is mobile technology? • What is the digital divide? • What is the difference between GPS and What3words? • What ethical implications does surveillance pose? • What is artificial intelligence and what ethical issues are surrounding AI? • What are the advantages and disadvantages of autonomous vehicles? • What are the positive and negative impacts of social networking in society? • What impact does the rise of technology have on the environment? 	<p>What do I need to know to be a knowledge expert for my assessment?</p> <p>Data Representation</p> <ul style="list-style-type: none"> • How do you convert denary numbers into binary? • How to you add binary numbers together? • What is the purpose of hex numbers • How do you convert binary into hex and vice versa? • What is the difference between ASCII and Unicode? <p>Planning and Pitching</p> <ul style="list-style-type: none"> • What makes a successful business plan? • Why is brand awareness important? • What pre production techniques can we use? • What skills and tools do we use to create advertising products? 	<p>What can I use to help with revision?</p> <ul style="list-style-type: none"> • Knowledge Organisers (Google Classroom) • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • Tutorials

Year 9

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Computing	<p>Computational Thinking and Algorithms</p> <ul style="list-style-type: none"> • What is computational thinking? • How can the stages of computational thinking be applied to solve a problem? • What is the difference between a sequence and selection algorithm? • How do you create iteration within a flowchart? • What are the different data types in algorithms? • Why are data types essential in algorithm design? • How do you create a flowchart? 	<p>Computational Thinking and Algorithms</p> <ul style="list-style-type: none"> • What is searching algorithm? • How do you complete a bubble and merge sort algorithm? • What are the 3 logic gates? • How do you create a truth table? <p>Networking</p> <ul style="list-style-type: none"> • What is a network? • What are the different networks? LAN, WAN, WPAN • What is the difference between Wired and Wireless connection? • What is a network topology? • How is data transferred on a network? 	<p>Networking</p> <ul style="list-style-type: none"> • What is the difference between WWW and the internet? • What does a domain name system do? • What is a protocol? • What are the threats that are posed to networks? • What are the methods of keeping your computer secure on a computer network? <p>Programming (Python)</p> <ul style="list-style-type: none"> • What is a variable? • How can we write IF-ELSE structured language? • How can we create an array in python? • How do we debug programs? 	<ul style="list-style-type: none"> • Knowledge Organisers (Google Classroom) • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • Tutorials

Year 10 - Computer Science

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Computer Science	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage 	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and Protocols • 1.4 Network security 	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and Protocols • 1.4 Network security • 1.5 Systems software • 1.6 Ethical, legal, cultural and environmental impacts of digital technology 	<ul style="list-style-type: none"> • Knowledge Organisers (Google Classroom) • Revision Book • Python Book • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • Tutorials • Smart Revise • Website (See RTO) • Homework Booklets

Year 11 Computer Science

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Computer Science	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and Protocols • 1.4 Network security • 1.5 Systems software • 1.6 Ethical, legal, cultural and environmental impacts of digital technology <p>Paper 2 - Computational thinking, algorithms and programming</p> <ul style="list-style-type: none"> • 2.1 Algorithms • 2.2 Programming fundamentals 	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and Protocols • 1.4 Network security • 1.5 Systems software • 1.6 Ethical, legal, cultural and environmental impacts of digital technology <p>Paper 2 - Computational thinking, algorithms and programming</p> <ul style="list-style-type: none"> • 2.1 Algorithms • 2.2 Programming fundamentals • 2.3 Producing robust programs • 2.4 Boolean logic • 2.5 Programming languages and Integrated Development Environments 	<p>Paper 1 - Computer systems</p> <ul style="list-style-type: none"> • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and Protocols • 1.4 Network security • 1.5 Systems software • 1.6 Ethical, legal, cultural and environmental impacts of digital technology <p>Paper 2 - Computational thinking, algorithms and programming</p> <ul style="list-style-type: none"> • 2.1 Algorithms • 2.2 Programming fundamentals • 2.3 Producing robust programs • 2.4 Boolean logic • 2.5 Programming languages and Integrated Development Environments 	<ul style="list-style-type: none"> • Knowledge Organisers (Google Classroom) • Revision Book • Python Book • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • Tutorials • Smart Revise • Website (See RTO) • Homework Booklets

Assessment | When do formal assessments take place?



Year 10 - Business and Enterprise

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Business and Enterprise	Unit 1: Entrepreneurship Unit 2: Market research	Unit 1: Entrepreneurship Unit 2: Market research Unit 3: Human resources	Unit 1: Entrepreneurship Unit 2: Market research Unit 3: Human resources Unit 4: Operations management Unit 5: Business Growth	<ul style="list-style-type: none">• Knowledge Organisers• Revision Book• Lesson Content (Google Classroom)• Mind Mapping• Roadmap• Homework Booklets• Flash Cards

Assessment | When do formal assessments take place?

Year 11 - Business and Enterprise

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Business and Enterprise	Unit 1: Entrepreneurship Unit 2: Market research Unit 3: Human resources Unit 4: Operations management Unit 5: Business Growth Unit 6: Finance Unit 7: External influence	Unit 1: Entrepreneurship Unit 2: Market research Unit 3: Human resources Unit 4: Operations management Unit 5: Business Growth Unit 6: Finance Unit 7: External influence	Unit 1: Entrepreneurship Unit 2: Market research Unit 3: Human resources Unit 4: Operations management Unit 5: Business Growth Unit 6: Finance Unit 7: External influence	<ul style="list-style-type: none"> • Knowledge Organisers • Revision Book • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • Homework Booklets • Flash Cards

Assessment | When do formal assessments take place?

Year 10 - Creative iMedia

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Creative iMedia	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials Topic 4 - Legal Issues	<ul style="list-style-type: none">• Knowledge Organisers - Revision Book• Python Book• Lesson Content (Google Classroom)• Mind Mapping• Roadmap• BBC Bitesize• Know it all ninja• Homework Booklets

Assessment | When do formal assessments take place?

Year 11 - Creative iMedia

Subject	Assessment window 1: What do I need to know to be a knowledge expert for my assessment?	Assessment window 2: What do I need to know to be a knowledge expert for my assessment?	Assessment window 3: What do I need to know to be a knowledge expert for my assessment?	What can I use to help with revision?
Creative iMedia	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials Topic 4 - Legal Issues	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials Topic 4 - Legal Issues	Topic 1 - The Media Industry Topic 2 - Factors influencing product design Topic 3 - Pre-Production Materials Topic 4 - Legal Issues	<ul style="list-style-type: none"> • Knowledge Organisers - Revision Book • Python Book • Lesson Content (Google Classroom) • Mind Mapping • Roadmap • BBC Bitesize • Know it all ninja • Homework Booklets