Computing (Year 7)

Long Term Plan 2024/25

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start	W1	W2	W1	W2, Mid-Unit Test	W1	W2, Knowledge Review Test	W1, Feedback Point	W2, Data Days 14/11 + 15/11	W1	W2	W1, Cycle 1 Knowledge Test
		Introduction to Computing Login Folder Structure	**Introduction to Computing** Office 365 Email	**Introduction to Computing** Touch Typing	**Introduction to Computing** Microsoft Word Skills	**Introduction to Computing** Advanced Microsoft Word	**Introduction to Computing** E-Safety: Cyberbullying	**Introduction to Computing** E-Safety: Personal Data	**Adventure Story** Introduction to PowerPoint Quiz Creation	**Adventure Story** Hyperlinks Adding Shapes	**Adventure Story** Planning an Adventure Story	**Adventure Story** Creating Slides and Content	**Cycle 1 Knowledge Test**
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2, Feedback	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2, Mid-Unit Test
	Feedback from Cycle 1 Knowledge Test	**Adventure Story** Hyperlink and Complete Adventure Story	**Flowol** Introduction to Flowcharts Shapes Zebra Crossing, Traffic Light	**Flowol** Decision Symbol Log Flume	**Flowol** Sensors Automatic Home, Greenhouse	**Flowol** Sub-routines Train Mimic		**Flowol** Variables Car Park Barriers Ferris Wheel	**Spy School** Introduction to Excel Formula	**Spy School** Formatting	**Cycle 2 Assessment Feedback**	**Spy School** Functions	**Spy School** Sort and Filter
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1	W2, May Bank Holiday 05/05	W1, Mid-Unit Test	W2	W1	W2	W1	W2, Cycle 3 Assessments	W1, Cycle 3 Assessments	W2	W1
	Spy School Skills Test	**Digital Media** Getting the Message Across	**Digital Media** Poster Creation	**Digital Media** Creating a Brand	**Digital Media** Poster and Brand	**Digital Media** Creating a Pitch	**Kodu** Introduction to Kodu Movement	**Kodu** Creating Landscapes	**Kodu** Navigation and Pathing		**Kodu** Clones and Creatables	**Feedback from Cycle 3 Assessment**	**Kodu** Pages and Selection

Computing (Year 8)

Long Term Plan 2024/25

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start	W1	W2	W1	W2, Mid-Unit Test	W1	W2, Knowledge Review Test	W1, Feedback Point	W2, Data Days 14/11 + 15/11	W1	W2	W1, Cycle 1 Knowledge
		Introduction to Computing Login Folder Structure	Introduction to Computing Office 365 Email	Introduction to Computing Touch Typing	Introduction to Computing Microsoft Word Skills	Introduction to Computing Advanced Microsoft Word	Introduction to Computing E-Safety: Cyberbullying	Introduction to Computing E-Safety: Personal Data	Computer Crime and Cyber Security Computer Misuse	Computer Crime and Cyber Security Protecting Personal Data	Computer Crime and Cyber Security Passwords and Email Scams	Computer Crime and Cyber Security Copyright	Cycle 1 Knowledge Test
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2, Feedback	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2, Mid-Unit Test
	Feedback from Cycle 1 Knowledge Test	Computer Crime and Cyber Security Health and Safety	Technology Hardware	Technology Software	Technology History of Computing and Key Figures	Technology The Internet and World Wide Web		Technology The Cloud	Introduction to Python Strings and Variables	Introduction to Python Data Types and Arithmetic	Cycle 2 Assessment Feedback	Introduction to Python Selection	Introduction to Python Writing Algorithms
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1	W2, May Bank Holiday 05/05	W1, Mid-Unit Test	W2	W1	W2	W1	W2, Cycle 3 Assessments	W1, Cycle 3 Assessments	W2	W1
	Introduction to Python Searching						Understanding Computers Elements of a Computer	Understanding Computers The CPU	Understanding Computers Binary Numbers		Understanding Computers Binary Addition	Feedback from Cycle 3 Assessment	Understanding Computers Storage Devices

DIXONS BROOKLANDS ACADEMY

Computing (Year 9)

Long Term Plan 2024/25

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start	W1	W2	W1	W2, Mid-Unit Test	W1	W2, Knowledge Review Test	W1, Feedback Point	W2, Data Days 14/11 + 15/11	W1	W2	W1, Cycle 1 Knowledge Test
		Introduction to Computing — Login, Folder Structure	Introduction to Computing — Office 365 Email	Introduction to Computing — Touch Typing	Introduction to Computing — Microsoft Word Skills	Introduction to Computing — Advanced Microsoft Word	Introduction to Computing — E-Safety: Cyberbullying	Introduction to Computing — E-Safety: Personal Data	Intermediate Programming — Programming Basics and Data Types	Intermediate Programming — Debugging	Intermediate Programming — Selection 1	Intermediate Programming — Selection 2	Cycle 1 Knowledge Test
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2, Feedback	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2, Mid-Unit Test
	Feedback from Cycle 1 Knowledge Test	Intermediate Programming — Loops	User Interfaces — Introduction to User Interfaces	User Interfaces — Creating a Storyboard	User Interfaces — Design Principles	User Interfaces — Designing a User Interface to a Scenario		User Interfaces — Designing a User Interface to a Scenario	Data Representation — Binary, Denary Conversions	Data Representation — Binary Addition and Hexadecimal	Cycle 2 Assessment Feedback	Data Representation — Conversion, Addition and Hex Recap	Data Representation — Images
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1	W2, May Bank Holiday 05/05	W1, Mid-Unit Test	W2	W1	W2	W1	W2, Cycle 3 Assessments	W1, Cycle 3 Assessments	W2	W1
	Data Representation — Sound	Creating a CV — What is a CV?	Creating a CV — CV Creation 1 Education, Personal Info, Work Experience	Creating a CV — CV Creation 2 Skills, Qualities, Personal Statement	Creating a CV — Skills and Characteristics	Creating a CV — Applying for Jobs	Planning a Micro-Enterprise — Choosing an Idea for a Micro-Enterprise	Planning a Micro-Enterprise — Aims and Objectives	Planning a Micro-Enterprise — Marketing		Planning a Micro-Enterprise — Finance	Feedback from Cycle 3 Assessment	Planning a Micro-Enterprise — Pitch

BTEC Digital IT (Year 10) (10D = WK1 – 2, WK2 – 3)

Long Term Plan 2024/25

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start, PSA Release	W1	W2	W1	W2	W1	W2	W1	W2, Data Days 14/11 + 15/11	W1, LWT 18/11	W2	W1
		Introduction to BTEC Expectations and BTEC Outline **User Interfaces**	**Component 1** Factors and Influences Audience Needs	**Component 1** Design Principles and Design Psychology	**Component 1** Task 1A Mock	**Component 1** Task 1A PSA	**Component 1** Task 1A PSA Gantt Chart, Milestones	**Component 1** Task 1B PSA	**Component 1** Design Principles, Storyboarding Task 2 PSA	**Component 1** Task 2 PSA Task 3 PSA **10D IT affected Fri**	**Component 1** Task 3 PSA Task 4 PSA	**Component 1** Task 4 PSA	**Component 1** Mock Up
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2	W1	W2	W1	W2	W1	W2	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2
	Component 1 Final Submission **13/12 Submission**	**Introduction to Component 2**	**Component 2** Collecting, Presenting and Interpreting Data	**Component 2** Collecting, Presenting and Interpreting Data	**Component 2** Collecting, Presenting and Interpreting Data Task 1 PSA	**Component 2** Task 1 PSA	**Component 2** Task 2 PSA	**Component 2** Task 2 PSA	**Component 2** Task 3 PSA	**Component 2** Task 3 PSA Task 4A PSA **10D IT affected Fri**	**Component 2** Task 4A PSA Task 4B PSA	**Component 2** Mock Up	**Component 2** Submission
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, LWT 14/04 **Easter Monday 21/04**	W1	W2, May Bank Holiday 05/05	W1	W2	W1	W2	W1	W2, Cycle 3 Assessments	W1, Cycle 3 Assessments	W2	W1
	Introduction to Component 3	**C3: Modern Technology** Communication Technology Component 2 Resubmission	**C3: Modern Technology** Cloud Storage and Computing Component 2 Resubmission	**C3: Modern Technology** Inclusivity and Accessibility **09/05 Submission**	**C3: Modern Technology** Impacts of Modern Tech Using Cloud Technologies	**C3: Modern Technology** Modern Team Working Assessment	**C3: Cyber Security** Assessment Feedback System Attacks and External Threats	**C3: Cyber Security** Internal Threats Impacts of Breaches,	**C3: Cyber Security** User Restrictions and Weaknesses Data Level Protection	Policies, Backups and Data Recovery **Component 3 Revision**	**Cycle 3 Assessment** Modern Technology and Cyber Security	**Feedback from Cycle 3 Assessment**	**Component 3** LAA and LAB Revision

BTEC Digital IT (Year 11) (11D = WK1 – 3, WK2 – 2 | 11C = WK1 – 2, WK2 - 3)

DIXONS BROOKLANDS ACADEMY

Long Term Plan 2024/25

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start, PSA Release	W1	W2	W1	W2	W1	W2	W1	W2, Data Days 14/11 + 15/11	W1, LWT 18/11	W2	W1
		Component 2 Collecting, Presenting and Interpreting Data	Component 2 Collecting, Presenting and Interpreting Data	Component 2 Collecting, Presenting and Interpreting Data Task 1 PSA	Component 2 Task 1 PSA	Component 2 Task 2 PSA	Component 2 Task 2 PSA	Component 2 Task 3 PSA	Component 2 Task 3 PSA	11C Affected Thu-Fri 11D Affected Fri	Component 2 Task 4A PSA Task 4B PSA	Component 2 Task 4B PSA	Component 2 Mock Up
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2
	Component 2 Submission **13/12 Submission**	Component 3 LAA recap	Component 3 LAA Recap LAD Data Flow Diagrams	Component 3 LAA Recap LAD Flowcharts	Component 3 LAA Recap LAD System Diagrams	Component 3 LAA Recap LAD Tables		Component 3 LAA and LAB Recap	Component 3 LAA, LAB, LAC Recap	11C Affected Thu-Fri 11D Affected Fri	Cycle 2 Assessment Feedback	Component 3 LAA, LAB, LAC, LAD Recap	Component 3 LAA, LAB, LAC, LAD Recap
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1										
	Component 3 LAA, LAB, LAC, LAD Recap	Component 3 LAA, LAB, LAC, LAD Recap	Component 3 Exam 1st May PM	**09/05 Resit Submissions**									

AQA Computer Science (Year 10) (10C, Wk1 – 3, Wk2 – 2)

Long Term Plan 2024/25

DIXONS BROOKLANDS ACADEMY

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start	W1	W2	W1	W2 Mid-Unit Quiz	W1 Feedback	W2	W1	W2, Data Days 14/11 + 15/11	W1	W2	W1
		Introduction to Computer Science Intro, Book Set-Up Expectations	**Programming Basic** Data Types and Operators **Data Rep** Units and Binary Numbers	**Data Rep** Binary Number Conversions Binary Addition	**Programming Basic** Sequencing **Data Rep** Binary Addition and Hexadecimal	**Data Rep** Quiz on Conversions, Addition and Hexadecimal Gap Fill Exercise	**Programming Basic** Selection Syntax **Data Rep** ASCII and Unicode	**Data Rep** Images	**Programming Basic** Selection Practice **Data Rep** Sound		**Programming Basic** Programming Practice **Data Rep** Compression	**Data Rep** Images, Sound, Compression Review	**Programming Basic** Programming Task **Cycle 1 Assessment** Data Rep
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2, Feedback	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2
	Feedback from Cycle 1 Data Rep	**Programming Feedback** **Computer Systems** Boolean Logic	**Computer Systems** Application and System Software	**Programming Basics** Iteration **Computer Systems** Programming Lang and Translators	**Computer Systems** Systems Architecture	**Cycle 2 Assessment** **Computer Systems** CPU	**Computer Systems** Memory and Secondary Storage	**Cycle 2 Assessment Feedback** **Computer Systems Knowledge Quiz**	**Networks** Wired and Wireless Networks	**Programming** Procedures and Functions	**Networks** Topologies and Security	**Programming** Selection, Iteration, Functions **Networks** Security and Protocol and Layers	**Networks** Protocol and Layers
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1	W2, May Bank Holiday 05/05	W1	W2	W1	W2	W1	W2, Cycle 3 Assessments	W1, Cycle 3 Assessments	W2	W1
	Programming Programming Task **Networks** Assessment	**Networks** Assessment Feedback **Cyber Security** Cyber Security Threats	**Programming** Validation and A **Cyber Security** Social Engineering	**Cyber Security** Malicious Code	**Programming** Purpose of Algorithms **Cyber Security** Detection and Prevention	**Cyber Security** Assessment	**Programming** Practical Task **Impacts of Tech** Ethical	**Impacts of Tech** Ethical	**Programming** Errors and Testing **Impacts of Tech** Environmental	**Impacts of Tech** Environmental and Legal	**Cycle 3 Assessment** **Impacts of Tech** Legal and 9 Mark Q	**Feedback from Cycle 3 Assessment**	**Programming Task**

Long Term Plan 2024/25

AQA Computer Science (Year 11) (11C, Wk1 – 2, Wk2 – 3)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 26/8	W/C 02/09	W/C 09/09	W/C 16/09	W/C 23/09	W/C 30/09	W/C 07/10	W/C 14/10	W/C 04/11	W/C 11/11	W/C 18/11	W/C 25/11	W/C 02/12
	INSET, Data & Planning Days	Week 2 Start	W1	W2	W1	W2 Mid-Unit Quiz	W1 Feedback	W2	W1	W2, Data Days 14/11 + 15/11	W1	W2	W1
		Intro to CS Yr11 Expectations and Books **Data Rap Recap** Conversions Addition	**Programming** Algorithms, Decomposition and Abstraction	**Data Rep Recap** Hex, Compression **Programming** Creating Algorithms – Flowcharts	**Programming** Flowcharts and Intro to Pseudo-code	**Data Rep Recap** Images and Sound **Programming** Pseudocode Algorithms	**Programming** Searching Algorithms	**Imp of Tech** Ethical **Programming** Sorting Algorithms	**Computer Systems** Boolean Logic		**Programming** Data Types and Operations	**Imp of Tech** Legal **Programming** Sequence	**Cycle 1 Assessment**
Cycle 2	W/C 09/12	W/C 16/12	W/C 06/01	W/C 13/01	W/C 20/01	W/C 27/01	W/C 03/02	W/C 10/02	W/C 24/02	W/C 03/03	W/C 10/03	W/C 17/03	W/C 24/03
	W2, Feedback	W1	W2	W1	W2	W1, Cycle 2 Assessment?	W2, Cycle 2 Assessment?	W1, Trust Day 14/02	W2	W1, Data Days 06/03 + 07/03	W2	W1	W2
	Imp of Tech Environmental **Feedback from Cycle 1** Data Rep	**Programming** Selection	**Computer Systems** Hardware and Software **Programming** Selection	**Programming** Iteration	**Computer Systems** Languages and Translators **Programming** Iteration	**Cycle 2 Assessment** Programming Task and Computer Systems	**Computer Systems** System Architecture **Programming** Arrays and Records	**Cycle 2 Assessment Feedback Programming** Arrays and Records	**Programming** Procedures and Function Validation and Authentication		**Programming** Purpose of Algorithms Errors and Testing	**Programming** Recap	**Computer Systems** CPU **Programming Recap and Tasks**
Cycle 3	W/C 31/03	W/C 21/04	W/C 28/04	W/C 05/05	W/C 12/05	W/C 19/05	W/C 02/06	WC 09/06	W/C 16/06	W/C 23/06	W/C 30/06	W/C 07/07	W/C 14/07
	W1	W2, Easter Monday 21/04	W1	W2, May Bank Holiday 05/05	W1	W2	W1	W2	W1	W2	W1	W2	W1
	Programming Recap Paper 2 Recap	**Paper 2 Recap** **Programming Skills Recap**	**Programming Recap Paper 2 Recap**	**Paper 2 Recap** **Programming Skills Recap**	**12/05 Paper 1 Exam** **Paper 2 Recap**	**20/05 Paper 2 Exam**							