Curriculum Content Map — Subject: Y12 IT

	Term 1				Term 2					Term 3	
Month	September	October	November	December	January	February	March	April	May	June	July

Cultural Transmission

Units of Work

September – December	January – July
Unit 2: Creating Systems to Manage Information	Unit 3: Using Social Media in Business

Specification Area

Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July
Unit 2 LA-A	Unit 2 LA-B	Unit 2 LA-C & LA-D	Unit 2 LA-D	Unit 2 LA-A to LA-D	Unit 3 LA-A	Unit 3 LA-B	Unit 3 LA-B	Unit 3 LA-C	Unit 3 LA-C	Unit 3 LA-C

Substantive Knowledge — *The What!*

Month	Content
September	A1 Relational Database Management Systems / A2 Manipulating data structures and data in relational databases. / A3 Normalisation / B1 Relational Database Design / D1 Database design evaluation
October	B2 Design Documentation (including queries and reports)
November	C1 Producing a database solution (including database validation)
December	C2 Testing and refining the database solution / D2 Evaluation of database testing / D3 Evaluation of the database.
January	Students revise for their Unit 3 Exam
February	A1 Social media sites. / A2 Business use of social media. / A3 Risks and issues.
March	B1 Social Media Planning / B2 Business requirements / B3 Content planning and publishing / B4 Developing an online community / B5 Developing a Social Media policy / B6 Reviewing and refining plans
April	Assignment sat - no new content.
May	C1 Creating accounts and profiles. / C2 Content creation and publication / C3 Implementation of online community building / C4 Data gathering and analysis / C5 Skills, knowledge and behaviours.
June – July	Assignment sat - no new content.

Disciplinary knowledge — *The How!*

Month	Content
September	Students will normalise a flat file database into three and four table databases. These will be created once designed and populated with data.
October	Students will create queries and reports from pre-existing databases.
November	Students will create databases using suitable validation techniques.
December	Students will understand how to test and evaluate a database.
January	Students will revise for the exam, recapping on key concepts which were not clearly evidenced in the AP1 mock.
February	Students will review the social media presence of different companies for effectiveness
March	Students will gain experience planning the social media posts for a company.
April	Students will complete their LA-B Assignment.
May	Students will gain experience analysing the performance of social media posts.
June	Students will complete their LA-C Assignment.
July	Students will re-draft their LA-C Assignment.

Sequencing (Flow) — *Retrieval & Extension*

Month	Content
September	Builds Upon: This unit builds upon the KS3 databases work completed by these students. Developed further in: Students will create queries and reports on databases when studying LA-B.
October	Builds Upon: LA-A teaches students to create basic databases. Developed further in: LA-C teaches students how to create database validation.
November	Builds Upon: LA-A teaches students how to build databases without validation. Developed further in: LA-D teaches students how to test and evaluate databases.
December	Builds Upon: LA-A to LA-C teaches students how to design and create databases. Developed further in: All key skills are covered in the revision lessons in January.
January	Builds Upon: This unit builds upon the KS3 databases work completed by these students. Developed further in: This unit feeds into the synoptic assessment (Unit 1)
February	Builds Upon: Students have experience of using social media for personal use, but most will not have experience utilising it for business use. Developed further in: Students will use this understanding to plan social media in LA-B.
March	Builds Upon: Students learn about key social media techniques for business in LA-A. Developed further in: Students will utilise planning techniques in their LA-B assignment.
April	Builds Upon: Students learn the key planning skills for LA-B in March. Developed further in: Students will apply these techniques in LA-C.
May	Builds Upon: Students learn about the key social media skills in LA-A and plan the use of these in LA-B. Developed further in: Students apply these skills in their LA-C assignment.
June	Builds Upon: Students learn how to apply the social media techniques in May, with the planning for these carried out in LA-B. Developed further in: This unit feeds into the synoptic assessment (Unit 1)

Summative Assessment

Sept – Nov	Dec – Jan	Feb	April	June	July
AP1 mock - full past paper.	External Exam: Part A: Wednesday 19/01/2022 PM / Part B: Thursday 20/01/2022 AM	LA-A Assignment	LA-B Assignment	LA-C Assignment	LA-C Redraft

Personal Empowerment

Virtue

Sept	Oct	Nov	Dec	Jan	Feb	March	April – May	June	July
Friendliness & Civility	Justice & Truthfulness	Courage	Generosity	Gratitude	Good Speech	Good Temper & Humour	Self-Mastery	Compassion	Good Sense

Link to Virtue — *The opportunity to reflect, think deeply and critically about an issue.*

Month	Content
September	Database relationships will be explored drawing parallels with personal relationships (e.g. one husband, one wife…)
October	Students will use database queries and reports to return **truthful** information.
November	Students will demonstrate the courage to persevere when developing complex validation.
December	Students will demonstrate generosity in correcting issues identified during testing and evaluation.
January	Students will demonstrate gratitude for the time to prepare for their examination.
February	Students will demonstrate good speech as they provide feedback about existing social media channels.
March	Students will demonstrate good temper as they plan social media posts.
April – May	Students will evidence self-mastery as they redraft their LA-B Assignments.
June	Students will demonstrate compassion by providing feedback about the effectiveness of a social media feed.
July	Students will demonstrate good sense as they redraft their coursework.

Preparation for Work

Skill — *Transferable skills*

Sept	Oct	Nov	Dec	Jan	Feb	March	April – May	June	July
Listening	Leadership	Problem-Solving	Creativity	Staying Positive	Speaking	Staying Positive	Aiming High	Speaking	Teamwork

Link to Skill

Month	Content
September	Students will effectively listen to new content, using this instruction to build new databases.
October	Students will show initiative and leadership to return the correct information.
November	Students will demonstrate problem solving skills to identify appropriate validation.
December	Students will demonstrate creativity by identifying suitable tests for a database.
January	Students will stay positive in preparing for examination.
February	Students will demonstrate good speech as they provide feedback about existing social media channels.
March	Students will stay positive as they receive feedback to refine their social media plans.
April – May	Students will aim high by completing all work to a Distinction level.
June	Students will provide effective verbal feedback about the quality of social media posts.
July	Students will demonstrate teamwork by helping each other to understand assessment objectives.

Preparation for Citizenship

SMSC & British Values — *Developing opinions on current issues*

Sept	Oct	Nov	Dec	Jan	Feb	March – May	June – July
BV - Rule of law	SMSC - Cultural	BV - Mutual Respect	BV- Mutual Respect	BV - Democracy	SMSC - Cultural	BV - Tolerance / SMSC - Moral	SMSC - Social

Link to SMSC & British Values

Month	Content
September	Data Protection Act provides a right for details to be updated. Updating information is a key advantage of normalisation.
October	Students will gain an understanding of how their information is used by companies to contact them.
November	Validation increases the likelihood that data entered is correct.
December	Testing maximises the probability of the system working as planned.
January	The lessons will be based on the needs of students, with student input for topics to be covered.
February	Students explore the cultural impact of social media.
March – May	The British Value of Tolerance is covered by social media policy, ensuring that everyone is treated with respect. Morality is also covered in terms of behaviour of firms using social media.
June – July	Students apply their skills of social media to create a social media channel.

British Values	**SMSC**
Democracy	Spiritual
Rule of Law	Moral
Individual Liberty	Social
Mutual Respect	Cultural
Tolerance	