Year 9 – **Information Technologies** – Long Term Plan 2019-20

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Term 1	**Introduction** Logins, folders etc.	**Databases** Introduction	**Databases** Entities and Relationships	**Databases** Data Validation	**Databases** Creating tables, primary & foreign keys	**Databases** Data Input/Capture forms	**Databases** Queries	**Databases** EoU Assessment
	Introduction TBD	**Databases** Types of Database	**Databases** Primary Keys and Foreign Keys	**Databases** ERD, Relationships, Data validation assessment	**Databases** Importing data, data validation (Application)	**Databases** Data Input/Capture forms/Queries	**Databases** Queries	**Spreadsheets** Introduction

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Term 2	**Spreadsheets** Build a PC	**Spreadsheets** Harry's Spell Book	**Spreadsheets** Where in the World	**Spreadsheets** Where in the World	**Spreadsheets** Absolute Referencing	**Spreadsheets** Macros	**Word Processing** Mail Merge
	Spreadsheets Harry's Spell Book	**Spreadsheets** Where in the World	**Spreadsheets** Where in the World	**Spreadsheets** Where in the World	**Spreadsheets** Conditional Formatting	**Spreadsheets** EoU Assessment	**Word Processing** Mail Merge

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 3	**System Security** Lesson 1	**System Security** Lesson 3	**System Security** Lesson 5	**Cryptography** Lesson 1	**Big Data** Data and Information	**Big Data** The Pivot Table
	System Security Lesson 2	**System Security** Lesson 4	**System Security** EoU Assessment	**Cryptography** Lesson 1	**Big Data** The Pivot Table	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 4	**Project Lifecycle** Introduction	**Project Lifecycle** Requirements	**Project Lifecycle** Assessment	**Project Lifecycle** Gantt Chart	**Project Lifecycle** SMART	**Project Lifecycle** Phase Review
	Project Lifecycle Lifecycle Phases	**Project Lifecycle** Constraints	**Project Lifecycle** PERT	**Project Lifecycle** Flowcharts	**Project Lifecycle** Success Criteria	

	Week 1	Week 2	Week 3	Week 4	Week 5
Term 5	**Risk Mitigation** Legislation (Data protection)	**Risk Mitigation** (Computer Misuse)	**Risk Mitigation** (Encryption)	**Presenting data** Database	**Presenting data** Word Processing
	Risk Mitigation (Data protection)	**Risk Mitigation** Legislation	**Risk Mitigation** Legislation Assessment	**Presenting data** Spreadsheets	**Presenting Data** EoU Assessment

	Week 1	Week 2	Week 3/	Week 4	Week 5	Week 6	Week 7
Term 6	**Databases** Creating tables, primary & foreign keys	**Databases** Validation	**Databases** Queries	**Spreadsheets** Functions	**Spreadsheets** Pivot Tables	**Spreadsheets** Security	
	Databases Input masks	**Databases** Macros	**Databases** Database Practical Assessment	**Spreadsheets** Functions	**Spreadsheets** Pivot Tables	**Spreadsheets** Practical Assessment	☀

Year 10 – **Information Technologies** – Long Term Plan 2019-20

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Term 1	Assignment Introduction	Assignment Summary	Assignment Identify Risks	Assignment Requirements	Assignment Feasibility Report	Assignment Initiation Phase Review	Assignment Data Dictionary	Assignment Planning Phase Review
	Assignment Introduction	Assignment Constraints	Assignment Data Protection/ Computer Misuse	Assignment SMART Targets/User Success Criteria	Assignment Feasibility Report	Assignment Planning Tools (Gantt and Pert)	Assignment Test Plan	Assignment Execution

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Term 2	Assignment Execution	Assignment Execution	Assignment Execution	Assignment Execution	Assignment Execution	Assignment Test Plan	Assignment User Guide
	Assignment Execution - Documentation	Assignment Execution - Documentation	Assignment Execution - Documentation	Assignment Execution - Documentation	System Security Lesson 1	System Security Lesson 2	System Security Lesson 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 3	Assignment Evaluation – Further Improvements	Assignment Evaluation – Success Criteria	Assignment Evaluation – Testing Comments	Assignment Evaluation – Success Criteria	Assignment Evaluation – Process & Resources Evaluation	Assignment Evaluation – Further Improvements
	System Security Lesson 4	System Security Lesson 5	System Security EoU Assessment	Cryptography Lesson 1	Big Data The Pivot Table	Big Data The Pivot Table

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 4	Data Collection Lesson 1	Data Collection Lesson 3	Data Collection Lesson 5	Planning Gantt & PERT	Planning Critical Path	Planning Flow Charts
	Data Collection Lesson 2	Data Collection Lesson 4	Data Collection EoU Assessment	Planning Gantt & PERT	Planning Flow Charts	Planning EoU Assessment

	Week 1	Week 2	Week 3	Week 4	Week 5
Term 5	Databases Introduction	Databases Entities and Relationships	Databases Data Validation	Databases Creating tables, primary & foreign keys	Databases Data Input/Capture forms
	Databases Types of Database	Databases Primary Keys and Foreign Keys	Databases ERD, Relationships, Data validation assessment	Databases Importing data, data validation (Application)	Databases Data Input/Capture forms/Queries

	Week 1	Week 2	Week 3/	Week 4	Week 5	Week 6	Week 7
Term 6	Spreadsheets Build a PC	Spreadsheets Harry's Spell Book	Spreadsheets Where in the World	Spreadsheets Where in the World	Spreadsheets Absolute Referencing	Spreadsheets Macros	Word Processing Mail Merge
	Spreadsheets Harry's Spell Book	Spreadsheets Where in the World	Spreadsheets Where in the World	Spreadsheets Where in the World	Spreadsheets Conditional Formatting	Spreadsheets EoU Assessment	

Year 11 – **Information Technologies** – Long Term Plan 2019-20

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Term 1		Controlled Assess. Reviewing the Task	Controlled Assess. The initiation Phase	Controlled Assess. The Planning Phase	Controlled Assess. The Planning Phase	Controlled Assess. Database Review	Controlled Assess Execution Phase	Controlled Assess Execution Phase
	Controlled Assess. Reviewing the Task	Controlled Assess. The initiation Phase	Controlled Assess. The initiation Phase	Controlled Assess. The Planning Phase	Controlled Assess. The Planning Phase	Controlled Assess. Excel Review	Controlled Assess Execution Phase	Controlled Assess Execution Phase

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Term 2	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess The Evaluation Phase	Controlled Assess The Evaluation Phase	SLIPPAGE
	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess Execution Phase	Controlled Assess The Evaluation Phase	Controlled Assess The Evaluation Phase	SLIPPAGE

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 3	Practice Exam January 9	LO1 Lesson 2	LO2 Lesson 1	LO2 Lesson 3	LO3 Lesson 2	LO4 Lesson 1
	LO1 Lesson 1	LO1 Lesson 3	LO2 Lesson 2	LO3 Lesson 1	LO3 Lesson 3	LO4 Lesson 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 4	LO4 Lesson 3	LO5 Lesson 2	LO6 Lesson 1	LO6 Lesson 3	LO7 Lesson 2	LO8 Lesson 1
	LO5 Lesson 1	LO5 Lesson 3	LO6 Lesson 2	LO7 Lesson 1	LO7 Lesson 3	LO8 Lesson 2

	Week 1	Week 2	Week 3	Week 4	Week 5
Term 5	Revision Lesson 1	Revision Lesson 3	Revision Lesson 5	Practice Exam May 13	
	Revision Lesson 2	Revision Lesson 4	Revision Lesson 6		

	Week 1	Week 2	Week 3/	Week 4	Week 5	Week 6	Week 7
Term 6							