


# Year 9 – Information Technologies – Long Term Plan 2018-19

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8 22 Oct.
<b>Term 1</b>	<b>Introduction</b> Logins, folders etc.	<b>Databases</b> Introduction	<b>Databases</b> Entities and Relationships	<b>Databases</b> Data Validation	<b>Databases</b> Creating tables, primary & foreign keys	<b>Databases</b> Data Input/Capture forms	<b>Databases</b> Queries	<b>Databases</b> EoU Assessment
	<b>Introduction</b> TBD	<b>Databases</b> Types of Database	<b>Databases</b> Primary Keys and Foreign Keys	<b>Databases</b> ERD, Relationships, Data validation assessment	<b>Databases</b> Importing data, data validation (Application)	<b>Databases</b> Data Input/Capture forms/Queries	<b>Databases</b> Queries	<b>Spreadsheets</b> Introduction
	Week 1 5 Nov.	Week 2 12 Nov.	Week 3 19 Nov.	Week 4 26 Nov.	Week 5 3 Dec.	Week 6 10 Dec.	Week 7 17 Dec.	
<b>Term 2</b>	<b>Spreadsheets</b> Build a PC	<b>Spreadsheets</b> Harry's Spell Book	<b>Spreadsheets</b> Where in the World	<b>Spreadsheets</b> Where in the World	<b>Spreadsheets</b> Absolute Referencing	<b>Spreadsheets</b> Macros	<b>Word Processing</b> Mail Merge	
	<b>Spreadsheets</b> Harry's Spell Book	<b>Spreadsheets</b> Where in the World	<b>Spreadsheets</b> Where in the World	<b>Spreadsheets</b> Where in the World	<b>Spreadsheets</b> Conditional Formatting	<b>Spreadsheets</b> EoU Assessment	<b>Word Processing</b> Mail Merge	
	Week 1 7 Jan.	Week 2 14 Jan.	Week 3 21 Jan.	Week 4 28 Jan.	Week 5 4 Feb.	Week 6 11 Feb.		
<b>Term 3</b>	<b>System Security</b> Lesson 1	<b>System Security</b> Lesson 3	<b>System Security</b> Lesson 5	<b>Cryptography</b> Lesson 1	<b>Big Data</b> Data and Information	<b>Big Data</b> The Pivot Table		
	<b>System Security</b> Lesson 2	<b>System Security</b> Lesson 4	<b>System Security</b> EoU Assessment	<b>Cryptography</b> Lesson 1	<b>Big Data</b> The Pivot Table			
	Week 1 25 Feb.	Week 2 4 Mar.	Week 3 11 Mar.	Week 4 18 Mar.	Week 5 25 Mar.	Week 6 1 April		
<b>Term 4</b>	<b>Project Lifecycle</b> Introduction	<b>Project Lifecycle</b> Requirements	<b>Project Lifecycle</b> Assessment	<b>Project Lifecycle</b> Gantt Chart	<b>Project Lifecycle</b> SMART	<b>Project Lifecycle</b> Phase Review		
	<b>Project Lifecycle</b> Lifecycle Phases	<b>Project Lifecycle</b> Constraints	<b>Project Lifecycle</b> PERT	<b>Project Lifecycle</b> Flowcharts	<b>Project Lifecycle</b> Success Criteria			
	Week 1 22 April	Week 2 29 April	Week 3 6 May	Week 4 13 May	Week 5 20 May			
<b>Term 5</b>	<b>Risk Mitigation</b> Legislation (Data protection)	<b>Risk Mitigation</b> (Computer Misuse)	<b>Risk Mitigation</b> (Encryption)	<b>Presenting data</b> Database	<b>Presenting data</b> Word Processing			
	<b>Risk Mitigation</b> (Data protection)	<b>Risk Mitigation</b> Legislation	<b>Risk Mitigation</b> Legislation Assessment	<b>Presenting data</b> Spreadsheets	<b>Presenting Data</b> EoU Assessment			
	Week 1 3 June	Week 2 10 June	Week 3/ 17 June	Week 4 24 June	Week 5 1 July	Week 6 8 July	Week 7 15 July	
<b>Term 6</b>	<b>Databases</b> Creating tables, primary & foreign keys	<b>Databases</b> Validation	<b>Databases</b> Queries	<b>Spreadsheets</b> Functions	<b>Spreadsheets</b> Pivot Tables	<b>Spreadsheets</b> Security		
	<b>Databases</b> Input masks	<b>Databases</b> Macros	<b>Databases</b> Database Practical Assessment	<b>Spreadsheets</b> Functions	<b>Spreadsheets</b> Pivot Tables	<b>Spreadsheets</b> Practical Assessment		

# Year 10 – Information Technologies – Long Term Plan 2018-19

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8 22 Oct.
<b>Term 1</b>	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 5 Nov.	Week 2 12 Nov.	Week 3 19 Nov.	Week 4 26 Nov.	Week 5 3 Dec.	Week 6 10 Dec.	Week 7 17 Dec.	
<b>Term 2</b>	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 7 Jan.	Week 2 14 Jan.	Week 3 21 Jan.	Week 4 28 Jan.	Week 5 4 Feb.	Week 6 11 Feb.		
<b>Term 3</b>	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 25 Feb.	Week 2 4 Mar.	Week 3 11 Mar.	Week 4 18 Mar.	Week 5 25 Mar.	Week 6 1 April		
<b>Term 4</b>	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 22 April	Week 2 29 April	Week 3 6 May	Week 4 13 May	Week 5 20 May			
<b>Term 5</b>	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 3 June	Week 2 10 June	Week 3/ 17 June	Week 4 24 June	Week 5 1 July	Week 6 8 July	Week 7 15 July	
<b>Term 6</b>	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	