

Curriculum Map Year 7 - Computing

Topic Name	Term	Content / skills developed with link to NC / exam board subject content (if applicable)	Reflection on previous learning	Progress to future learning	Global Citizenship links	Qatar National Identity links
E-Safety	Term 1	<ul style="list-style-type: none"> Understanding the meaning of E-Safety, discussing why E-Safety is important, Recognising different E-safety problems 	Previous online safety topics in primary school	Essential for safe online practices in future studies and personal life	Prepare for challenge. Developing skills for the future	Sustainability: self-esteem and responsibility
Microsoft Word	Term 1	<ul style="list-style-type: none"> Creating documents, formatting text, adding images, Using headers and footers 	Basic word processing skills	Advanced document creation and editing in later years	PRIDE values Responsibility, Independence. Embrace diversity and shape the future.	Responsibility and creativity
Excel	Term 1	<ul style="list-style-type: none"> Basic Excel functions, Creating graphs and charts, Data analysis 	Introduction to basic spreadsheets	Advanced data analysis and usage of Excel for various projects	PRIDE values Responsibility, Sustainability. Embrace diversity and shape the future.	Responsibility and creativity
Introduction to Programming	Term 2	<ul style="list-style-type: none"> Algorithms, Flowcharts, Selection statements, Loops, Introduction to Scratch 	Logical thinking and problem-solving in primary school using Scratch	Fundamental programming skills for future coding projects and languages	PRIDE values Open-mindedness, Interconnectedness. Embrace diversity and shape the future.	Responsibility and creativity

Computer Systems	Term 2	<ul style="list-style-type: none"> Understanding hardware and software, Logic gates, Basic AI concepts 	General knowledge about computers	Detailed understanding of computer systems and their applications	PRIDE values Responsibility, Interconnectedness. Embrace diversity and shape the future.	Responsibility and creativity
Networking	Term 3	<ul style="list-style-type: none"> Network protocols, Types of networks, Internet vs. WWW, Basic security issues 	Basic internet usage skills	Detailed networking concepts and practical applications in IT	PRIDE values Open-mindedness, Equality. Embrace diversity and shape the future	Responsibility and creativity
Project	Term 3	<ul style="list-style-type: none"> Exploring digital media, Practical applications, designing logos, Creating events 	Basic design skills from primary school	Advanced digital media projects and integration with other subjects	PRIDE values Prepare for challenge. Developing skills for the future	Responsibility and creativity