

## Yr10

Unit R050 IT in the digital world - Yr10		Unit R070 Using augmented reality to present information	Yr10
Sept	Lesson 1.1: Types of design tools	Sept	Lesson 1.1: Purposes and uses of AR
Sept	Lesson 1.1: Types of design tools	Sept	Lesson 1.2.1: Types of AR
Oct	Lesson 1.1: Types of design tools	Sept	Lesson 1.2.2: User interaction/layers
Oct	Lesson 1.1: Types of design tools	Oct	Lesson 1.3: Devices used with AR
Oct	TA1 Assessment	Oct	Lesson block 2.1: Planning and design considerations
Oct	Lesson 2.1: The purpose, importance and use of HCI in application areas	Oct	Lesson 2.2: Design tools
Nov	Lesson 2.2: Hardware considerations	Nov	NEA - Design Tools, Planning and Design Considerations, Review Notes
Nov	Lesson 2.2: Hardware considerations	Nov	Lesson 3.1: AR model prototype
Dec	Lesson 2.3: Software considerations	Dec	Lesson 3.2: Triggers
Dec	Lesson 2.4: User interaction methods	Dec	Lesson 3.3: Layers and user interaction
	TA2 Assessment	Dec	Lesson 3.4: Information output
Jan	Lesson 3.1: Information and data	Dec	NEA - Creating an AR Prototype, Iterative Testing
Feb	Lesson 3.2.1: Data types	Jan	Lesson 4.1: Testing (Covered in R050)
Feb	Lesson 3.2.2: Validation and verification	Jan	NEA - Testing
Jan	Lesson 3.3: Data collection methods	Feb	4.2: Reviewing the process
Mar	Lesson 3.4: Storage of collected data	Feb	NEA - Review
Mar	Lesson 3.5: Testing (Covered in R070)	Mar	NEA - Testing and Review
Apr	TA3 Assessment	Mar	Contingency
Apr	Lesson 4.1: Threats		
Apr	Lesson 4.2: Impacts of a cyber-security attack	Unit R060 Data manipulation using spreadsheets	
May	Lesson 4.3: Prevention measures	Mar	Lesson 1.1: Design tools
May	TA4 Assessment	Mar	Lesson 1.2.1: Functionality
June	Lesson 5.1: Types of digital communications	Apr	Lesson 1.2.2: Outputs
June	Lesson 5.1: Types of digital communications	Apr	Lesson 1.2.3: HCI navigation
June	Lesson 5.2: Software	Apr	Lesson 2.1.1: Cell naming and referencing Lesson 2.1.2: Multi-sheet referencing
July	Lesson 5.3: Digital devices	Apr	Lesson 2.1.3: Data types (covered in R050 Jan)
July	Lesson 5.4.1: Types of distribution channel	Apr	Lesson 2.1.4: Data validation (covered in R050 Jan)
		May	Lesson 2.1.5: Formulae and functions
		May	Lesson 2.1.6: Cell formatting
		May	Lesson 2.1.7: Sorting and filtering
		May	Lesson 2.1.8: Spreadsheet security
		May	Lesson 2.1.9: Modelling
		June	Lesson 2.1.10: Pivot tables, Lesson 2.1.11: Charts and graphs
		June	Lesson 2.1.12: User interface
		June	Lesson 3.1.1: Types of test data (Covered in R050 and R070)
		June	Lesson 3.1.2: Testing (Covered in R050 and R070)
		June	Lesson 4.1: Evaluation
		July	Start NEA
		July	Start NEA

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Unit R050 IT in the digital world			Unit R060 Data manipulation using spreadsheets
Sept	Lesson 5.4.2: Distribution channel connectivity		Topic area 1 Planning and designing the spreadsheet solution Recap and NEA
Oct	Lesson 5.5: Audience demographics		Sept
Oct	TA5 Assessment		
Nov	Lesson 6.1: Use of IoE		
Nov	Lesson 6.2: Application areas in everyday life		
Dec	TA6 Assessment		
Exam recap - Look at Objectives above			
Jan - Recap	Topic area 1 Design tools - Exam Prep		Oct
	Topic area 2 Human Computer Interface in everyday life		
	Topic area 3 Data and testing		
	Topic area 4 Cyber-security and legislation		
Feb - Recap	Topic area 5 Digital communications		
	Topic area 6 Internet of Everything		
	Mock Exam		
March - Recap	TA1, TA2	R060 Retake	Nov
	TA3, TA4		
	TA5, TA6		
	General revision		
	General revision		
April - Recap	Mock Exam		
	General revision		
	General revision		
May	Exam		
			DEC
			Project First Submission
			Results From First Submission
			March
			Improvements on R060 NEA
			Improvements on R060 NEA
			Improvements on R060 NEA
			April

NEA