

## Assessment and Home Learning

### Subject: Computing

#### Assessment and Home Learning Overview - Year 8

Assessments Dates	Topics to Revise	Assessment Details
<p><b>Week beginning:</b> November - 24<sup>th</sup> March - 2<sup>nd</sup> May - 18<sup>th</sup></p>	<p>These will be provided to you 4 weeks before the assessment.</p> <p>You will receive a paper and online copy.</p> <p>Your home learning will also prepare you for your online assessments</p>	<p><b>AP assessments:</b> You will complete an assessment in lesson time that will be cumulative. This means that everything you have learned so far could be on the assessment. Your teacher will mark your assessment and give feedback.</p> <p><b>Project assessment:</b> You will complete an assessment over several lesson where you will create a project, this too will be used to support your assessment point grade – giving you another opportunity to show what you know and what skills you have mastered.</p>

#### Key online resources:

**BBC Bitesize:**  
<https://bbc.co.uk/bitesize>

**Knowledge Organisers:**

Computer Systems  
[KS3 UNIT 1 COMPUTERS KNOWLEDGE ORGANISER.pdf](#)

Data Representation  
[KS3 UNIT 2 DATA REP KNOWLEDGE ORGANISER.pdf](#)

#### Curriculum information:

- Unit1: Unit Launch and Expectations &
- Hardware and Software
- Unit1: Memory – RAM vs ROM - Storage&
- The CPU (Expanded FDE)
- Unit1: I/O devices and their purposes &
- How Computers Process Inputs to Outputs
- Unit1: Binary Refresher & Binary Addition &

- Introduction to Hexadecimal
- Unit1: Logic Gates and Truth Tables Boolean
- Unit1: Design Principles & Planning UI MM/VD
- Unit 1: Building the UI & Adding Content

How will you be assessed:

1. **Non- Exam assessment-** project assessment, where you will put your knowledge of computer systems and media skills to practice by creating a user interface suitable for Y7 pupils. This will demonstrate the long-term knowledge and skills that you have secured across the unit.
2. **Online exam-** 50 minutes online assessment, that will be a mixture of MCQ, closed and open questions, written responses and extended answers.

TERM 1							Home Learning Topic	Links
	Wk	M	T	W	Th	F		
Sept-25	1	1	2	3	4	5		
	2	8	9	10	11	12	Hardware Components / Software	Home Learning Quizziz Via Class charts
	3	15	16	17	18	19		
	4	22	23	24	25	26	Key internal Components CPU RAM ROM	Home Learning Quizziz Via Class charts
	5	29	30	1	2	3		
Oct-25	6	6	7	8	9	10	Input and output processes	Home Learning Quizziz Via Class charts
	7	13	14	15	16	17		
	8	20	21	22	23	24	Binart Maths	Home Learning Quizziz Via Class charts
		27	28	29	30	31		
Nov-25	9	3	4	5	6	7	Boolean logic	Home Learning Quizziz Via Class charts
	10	10	11	12	13	14		
	11	17	18	19	20	21	Revision	Home Learning Quizziz Via Class charts
	12	24	25	26	27	28	Revision	Home Learning Quizziz Via Class charts
Dec-25	13	1	2	3	4	5	Revision	Home Learning Quizziz Via Class charts
	14	8	9	10	11	12	Revision	Home Learning Quizziz Via Class charts
	15	15	16	17	18	19		
		22	23	24	25	26		
		29	30	31	1	2		