Year 10 Digital Technologies Teacher Pack (2026)

Assessment Outline

Overview

The assessment structure uses one major project, supported by smaller assessments that build the required skills and knowledge. Outcome tags referenced below are defined in `syllabus/outcomes.md` and labeled with WA10 curriculum codes.

Assessment set (draft)

- Minor A1: UX/UI brief and prototype (client needs, UX/UI, design thinking)
- Minor A2: Data and database analysis task (spreadsheets + relational databases)
- Minor A3: Algorithms and modular programming sprint (functions, logical operators, testing)
- Minor A4: Privacy and security case study (APPs, supply chain vulnerabilities)
- Major M1: Capstone build (database-driven website/app tied to the main project)

Major project

- Brief: `assessments/major-project/brief.md`
- Rubric: `assessments/major-project/rubric.md`
- Milestones: `assessments/major-project/milestones.md`

Draft outcomes mapping (Year 10)

Assessment	Focus	Outcome tags
Minor A1	Design brief + UX/UI prototype	ID10-1 (WA10DIGDTID1), ID10-2 (WA10DIGDTID2), ID10-3 (WA10DIGDTID3), DI10-1 (WA10DIGDI1), DI10-2 (WA10DIGDI2), DSN10-1 (WA10DIGDTDE1), EV10-1 (WA10DIGDTEV1)
Minor A2	Data analysis and database modeling	DA10-1 (WA10DIGAD1), DA10-2 (WA10DIGAD2), DR10-1 (WA10DIGDR1)
Minor A3	Algorithms and modular programming	DI10-3 (WA10DIGDI3), DI10-4 (WA10DIGDI4), DI10-5 (WA10DIGDI5)
Minor A4	Privacy/security analysis	PS10-1 (WA10DIGPS1), PS10-2 (WA10DIGPS2), DS10-1 (WA10DIGDS1)

Assessment	Focus	Outcome tags
Major M1	Capstone build and delivery	DS10-1 (WA10DIGDS1), DS10-2 (scope/sequence), DR10-1 (WA10DIGDR1), DA10-1 (WA10DIGAD1), DA10-2 (WA10DIGAD2), DI10-1 (WA10DIGDI1), DI10-2 (WA10DIGDI2), DI10-3 (WA10DIGDI3), DI10-4 (WA10DIGDI4), DI10-5 (WA10DIGDI5), PM10-1 (WA10DIGDTPM1), ID10-1 (WA10DIGDTID1), ID10-2 (WA10DIGDTID2), ID10-3 (WA10DIGDTID3), DSN10-1 (WA10DIGDTDE1), PI10-1 (WA10DIGDTPI1), EV10-1 (WA10DIGDTEV1)

Weekly Overview

This is a planning skeleton aligned to the term dates and Year 10 outcome tags in `syllabus/outcomes.md`. It is designed to support one major project with smaller assessments feeding into it.

Term 1 (9 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
1	2 Feb - 6 Feb	Course launch, major project overview, digital systems intro	Baseline diagnostic	DS10-1 (WA10DIGDS1)
2	9 Feb - 13 Feb	Hardware specs, performance, suitability		DS10-2 (scope/ sequence)
3	16 Feb - 20 Feb	Web documents: content/structure/ presentation (HTML/ CSS)		DR10-1 (WA10DIGDR1)
4	23 Feb - 27 Feb	Client needs, data gathering for requirements	Minor A1 brief issued	DI10-1 (WA10DIGDI1), ID10-1 (WA10DIGDTID1)
5	2 Mar - 6 Mar	UX/UI design, wireframes, criteria		DI10-2 (WA10DIGDI2), DSN10-1 (WA10DIGDTDE1)
6	9 Mar - 13 Mar	Prototype build, iterate on feedback		DI10-2 (WA10DIGDI2), EV10-1 (WA10DIGDTEV1)
7	16 Mar - 20 Mar	Design brief drafting, project planning		ID10-2 (WA10DIGDTID2), PM10-1 (WA10DIGDTPM1)
8	23 Mar - 27 Mar	Present prototype and rationale	Major project proposal kickoff	EV10-1 (WA10DIGDTEV1), PM10-1 (WA10DIGDTPM1)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
9	30 Mar - 2 Apr	Consolidation and reflections	Minor A1 due; Major project brief draft	ID10-2 (WA10DIGDTID2), ID10-3 (WA10DIGDTID3)

Term 2 (11 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
1	21 Apr - 24 Apr	Data sources and quality (authenticity, accuracy)		DA10-1 (WA10DIGAD1)
2	27 Apr - 1 May	Spreadsheet analysis (trends, outliers)		DA10-1 (WA10DIGAD1)
3	4 May - 8 May	Entity-relationship modeling		DA10-2 (WA10DIGAD2)
4	11 May - 15 May	Querying structured data		DA10-2 (WA10DIGAD2)
5	18 May - 22 May	Data visualisation for decisions		DA10-1 (WA10DIGAD1)
6	25 May - 29 May	Apply data skills to project context	Minor A2 due	DA10-1 (WA10DIGAD1), DA10-2 (WA10DIGAD2)
7	1 Jun - 5 Jun	Major project data model and content plan		DI10-1 (WA10DIGDI1), DR10-1 (WA10DIGDR1)
8	8 Jun - 12 Jun	Build DB-driven prototype	Major project milestone 1	DI10-2 (WA10DIGDI2), DA10-2 (WA10DIGAD2)
9	15 Jun - 19 Jun	Test and refine data outputs		DI10-4 (WA10DIGDI4)
10	22 Jun - 26 Jun	Project planning for build phase		PM10-1 (WA10DIGDTPM1)
11	29 Jun - 2 Jul	Buffer and feedback		

Term 3 (10 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
1	21 Jul - 24 Jul	Algorithms: flow charts and pseudocode		DI10-3 (WA10DIGDI3)
2	27 Jul - 31 Jul	Functions and modular design		DI10-5 (WA10DIGDI5)
3	3 Aug - 7 Aug	Logical operators and control		DI10-3 (WA10DIGDI3)
4	10 Aug - 14 Aug	Testing with cases, debugging		DI10-4 (WA10DIGDI4)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
5	17 Aug - 21 Aug	Data structures and program patterns		DI10-5 (WA10DIGDI5)
6	24 Aug - 28 Aug	Build sprint	Minor A3 due	DI10-3 (WA10DIGDI3), DI10-4 (WA10DIGDI4), DI10-5 (WA10DIGDI5)
7	31 Aug - 4 Sep	Implement core features	Major project milestone 2	DI10-5 (WA10DIGDI5), PM10-1 (WA10DIGDTPM1)
8	7 Sep - 11 Sep	UX/UI refinement and accessibility		DSN10-1 (WA10DIGDTDE1)
9	14 Sep - 18 Sep	Integration and QA		DI10-4 (WA10DIGDI4)
10	21 Sep - 25 Sep	Buffer and feedback		

Term 4 (8 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Outcome tags
1	13 Oct - 16 Oct	APPs and digital footprint		PS10-1 (WA10DIGPS1)
2	19 Oct - 23 Oct	Supply chain vulnerabilities and secure access		PS10-2 (WA10DIGPS2), DS10-1 (WA10DIGDS1)
3	26 Oct - 30 Oct	Case study writing and critique	Minor A4 due	PS10-1 (WA10DIGPS1), PS10-2 (WA10DIGPS2)
4	2 Nov - 6 Nov	Major project polish and usability testing		EV10-1 (WA10DIGDTEV1)
5	9 Nov - 13 Nov	Final build and documentation		PI10-1 (WA10DIGDTPI1), PM10-1 (WA10DIGDTPM1)
6	16 Nov - 20 Nov	Submission and showcase	Major project final due	PI10-1 (WA10DIGDTPI1)
7	23 Nov - 27 Nov	Reflection and evaluation		EV10-1 (WA10DIGDTEV1)
8	30 Nov - 4 Dec	Buffer for resits or extension		

Assessment Calendar

Printable schedule of assessment checkpoints across the year.

Open printable version Download PDF Print page

Term 1 (9 weeks)

Week	Dates	Assessment/Checkpoint	Curriculum codes
1	2 Feb - 6 Feb	Baseline diagnostic	DS10-1 (WA10DIGDS1)
4	23 Feb - 27 Feb	Minor A1 brief issued	DI10-1 (WA10DIGDI1), ID10-1 (WA10DIGDTID1)
8	23 Mar - 27 Mar	Major project proposal kickoff	EV10-1 (WA10DIGDTEV1), PM10-1 (WA10DIGDTPM1)
9	30 Mar - 2 Apr	Minor A1 due; Major project brief draft	ID10-2 (WA10DIGDTID2), ID10-3 (WA10DIGDTID3)

Term 2 (11 weeks)

Week	Dates	Assessment/Checkpoint	Curriculum codes
6	25 May - 29 May	Minor A2 due	DA10-1 (WA10DIGAD1), DA10-2 (WA10DIGAD2)
8	8 Jun - 12 Jun	Major project milestone 1	DI10-2 (WA10DIGDI2), DA10-2 (WA10DIGAD2)

Term 3 (10 weeks)

Week	Dates	Assessment/Checkpoint	Curriculum codes
6	24 Aug - 28 Aug	Minor A3 due	DI10-3 (WA10DIGDI3), DI10-4 (WA10DIGDI4), DI10-5 (WA10DIGDI5)
7	31 Aug - 4 Sep	Major project milestone 2	DI10-5 (WA10DIGDI5), PM10-1 (WA10DIGDTPM1)

Term 4 (8 weeks)

Week	Dates	Assessment/Checkpoint	Curriculum codes
3	26 Oct - 30 Oct	Minor A4 due	PS10-1 (WA10DIGPS1), PS10-2 (WA10DIGPS2)
6	16 Nov - 20 Nov	Major project final due	PI10-1 (WA10DIGDTPI1)

Scope and Sequence

Aligned to WA10 curriculum codes in `curriculum-code-index.md`.

Open printable version Download PDF Print page

Term 1 (9 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
1	2 Feb - 6 Feb		Baseline diagnostic	

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
		Course launch, major project overview, digital systems intro		DS10-1 (WA10DIGDS1)
2	9 Feb - 13 Feb	Hardware specs, performance, suitability		DS10-2 (scope/ sequence)
3	16 Feb - 20 Feb	Web documents: content/structure/ presentation (HTML/ CSS)		DR10-1 (WA10DIGDR1)
4	23 Feb - 27 Feb	Client needs, data gathering for requirements	Minor A1 brief issued	DI10-1 (WA10DIGDI1), ID10-1 (WA10DIGDTID1)
5	2 Mar - 6 Mar	UX/UI design, wireframes, criteria		DI10-2 (WA10DIGDI2), DSN10-1 (WA10DIGDTDE1)
6	9 Mar - 13 Mar	Prototype build, iterate on feedback		DI10-2 (WA10DIGDI2), EV10-1 (WA10DIGDTEV1)
7	16 Mar - 20 Mar	Design brief drafting, project planning		ID10-2 (WA10DIGDTID2), PM10-1 (WA10DIGDTPM1)
8	23 Mar - 27 Mar	Present prototype and rationale	Major project proposal kickoff	EV10-1 (WA10DIGDTEV1), PM10-1 (WA10DIGDTPM1)
9	30 Mar - 2 Apr	Consolidation and reflections	Minor A1 due; Major project brief draft	ID10-2 (WA10DIGDTID2), ID10-3 (WA10DIGDTID3)

Term 2 (11 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
1	21 Apr - 24 Apr	Data sources and quality (authenticity, accuracy)		DA10-1 (WA10DIGAD1)
2	27 Apr - 1 May	Spreadsheet analysis (trends, outliers)		DA10-1 (WA10DIGAD1)
3	4 May - 8 May	Entity-relationship modeling		DA10-2 (WA10DIGAD2)
4	11 May - 15 May	Querying structured data		DA10-2 (WA10DIGAD2)
5	18 May - 22 May	Data visualisation for decisions		DA10-1 (WA10DIGAD1)
6	25 May - 29 May	Apply data skills to project context	Minor A2 due	DA10-1 (WA10DIGAD1), DA10-2 (WA10DIGAD2)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
7	1 Jun - 5 Jun	Major project data model and content plan		DI10-1 (WA10DIGDI1), DR10-1 (WA10DIGDR1)
8	8 Jun - 12 Jun	Build DB-driven prototype	Major project milestone 1	DI10-2 (WA10DIGDI2), DA10-2 (WA10DIGAD2)
9	15 Jun - 19 Jun	Test and refine data outputs		DI10-4 (WA10DIGDI4)
10	22 Jun - 26 Jun	Project planning for build phase		PM10-1 (WA10DIGDTPM1)
11	29 Jun - 2 Jul	Buffer and feedback		

Term 3 (10 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
1	21 Jul - 24 Jul	Algorithms: flow charts and pseudocode		DI10-3 (WA10DIGDI3)
2	27 Jul - 31 Jul	Functions and modular design		DI10-5 (WA10DIGDI5)
3	3 Aug - 7 Aug	Logical operators and control		DI10-3 (WA10DIGDI3)
4	10 Aug - 14 Aug	Testing with cases, debugging		DI10-4 (WA10DIGDI4)
5	17 Aug - 21 Aug	Data structures and program patterns		DI10-5 (WA10DIGDI5)
6	24 Aug - 28 Aug	Build sprint	Minor A3 due	DI10-3 (WA10DIGDI3), DI10-4 (WA10DIGDI4), DI10-5 (WA10DIGDI5)
7	31 Aug - 4 Sep	Implement core features	Major project milestone 2	DI10-5 (WA10DIGDI5), PM10-1 (WA10DIGDTPM1)
8	7 Sep - 11 Sep	UX/UI refinement and accessibility		DSN10-1 (WA10DIGDTDE1)
9	14 Sep - 18 Sep	Integration and QA		DI10-4 (WA10DIGDI4)
10	21 Sep - 25 Sep	Buffer and feedback		

Term 4 (8 weeks)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
1	13 Oct - 16 Oct	APPs and digital footprint		PS10-1 (WA10DIGPS1)

Week	Dates	Focus	Assessment/ Checkpoint	Curriculum codes
2	19 Oct - 23 Oct	Supply chain vulnerabilities and secure access		PS10-2 (WA10DIGPS2), DS10-1 (WA10DIGDS1)
3	26 Oct - 30 Oct	Case study writing and critique	Minor A4 due	PS10-1 (WA10DIGPS1), PS10-2 (WA10DIGPS2)
4	2 Nov - 6 Nov	Major project polish and usability testing		EV10-1 (WA10DIGDTEV1)
5	9 Nov - 13 Nov	Final build and documentation		PI10-1 (WA10DIGDTPI1), PM10-1 (WA10DIGDTPM1)
6	16 Nov - 20 Nov	Submission and showcase	Major project final due	PI10-1 (WA10DIGDTPI1)
7	23 Nov - 27 Nov	Reflection and evaluation		EV10-1 (WA10DIGDTEV1)
8	30 Nov - 4 Dec	Buffer for resits or extension		

Assessment Rubrics

Major Project Rubric

Criteria

- Client needs and design brief
- UX/UI design and usability
- Data model and data use
- Implementation quality and modularity
- Testing and validation
- Project management and documentation
- Evaluation and reflection

Performance levels

Criteria	Exceeds	Meets	Approaches	Beginning
Client needs and design brief	Clear, evidence-based brief with constraints	Clear brief and constraints	Basic brief with gaps	Brief incomplete
UX/UI design	Strong usability and accessibility decisions	Usable UI and clear flow	Partial usability considerations	UX/UI unclear
Data model and use	Accurate ERD and effective queries	Adequate data model and queries	Model or queries incomplete	Model missing
Implementation	Clean, modular code and features	Working features and structure	Limited working features	Minimal implementation
Testing	Comprehensive test cases and results	Adequate test cases	Limited test coverage	Little/no testing
Project management				Planning minimal

Criteria	Exceeds	Meets	Approaches	Beginning
	Strong planning and evidence of iteration	Planning and milestones addressed	Some planning evidence	
Evaluation	Insightful reflection against criteria	Reflection aligns to criteria	Basic reflection	No reflection

Minor A1 Rubric

Criteria

- Client needs and evidence gathering
- Design brief and constraints
- UX flow and UI prototype quality
- Evaluation against criteria
- Communication and documentation

Performance levels

Criteria	Exceeds	Meets	Approaches	Beginning
Client needs and evidence	Clear, triangulated evidence; strong insights	Appropriate evidence and summary	Limited evidence; partial insights	Minimal or unclear evidence
Design brief and constraints	Detailed, well-justified brief and constraints	Clear brief and constraints	Basic brief; constraints vague	Brief incomplete or missing
UX/UI prototype quality	Coherent UX flow and polished prototype	Coherent flow and usable prototype	Incomplete flow or rough prototype	Prototype missing or unclear
Evaluation	Insightful evaluation tied to criteria	Evaluation addresses criteria	Evaluation basic or generic	No evaluation or unrelated
Communication	Clear, structured, professional	Clear and mostly structured	Some clarity issues	Hard to follow

Minor A2 Rubric

Criteria

- Data quality and sourcing
- Analysis and interpretation
- Data modeling and querying
- Visualisation quality
- Communication and documentation

Performance levels

Criteria	Exceeds	Meets	Approaches	Beginning
Data quality and sourcing	Sources clear; strong validation	Sources clear; basic validation	Sources limited; weak validation	Sources unclear or missing
Analysis and interpretation	Insightful conclusions and predictions	Correct conclusions from data	Some conclusions unsupported	Little or no analysis
Modeling and querying	Accurate model and effective queries	Model and queries mostly correct	Model or queries incomplete	Model/query missing or incorrect

Criteria	Exceeds	Meets	Approaches	Beginning
Visualisation	Clear visuals that support claims	Visuals mostly clear	Visuals confusing or weak	Visuals missing
Communication	Clear and structured report	Mostly clear report	Some gaps in clarity	Hard to follow

Minor A3 Rubric

Criteria

- Algorithm design and representation
- Modular code quality
- Testing and validation
- Debugging and iteration
- Communication and documentation

Performance levels

Criteria	Exceeds	Meets	Approaches	Beginning
Algorithm design	Clear, efficient, well-represented	Clear and correct representation	Partial or unclear representation	Missing or incorrect
Modular code	Clean, modular, appropriate use of functions	Correct modular structure	Some modular structure	Little to no modular structure
Testing	Comprehensive test set; validated outputs	Adequate test set and validation	Limited tests	No tests
Debugging	Clear evidence of iteration and fixes	Some evidence of debugging	Minimal debugging evidence	None
Communication	Clear documentation and comments	Mostly clear documentation	Some gaps	Hard to follow

Minor A4 Rubric

Criteria

- APP interpretation and application
- Risk and vulnerability analysis
- Recommendations
- Evidence and sources
- Communication and documentation

Performance levels

Criteria	Exceeds	Meets	Approaches	Beginning
APP interpretation	Accurate, nuanced application	Accurate application	Basic application	Incorrect or missing
Risk analysis	Thorough, well-justified	Clear and relevant	Limited analysis	Minimal analysis
Recommendations	Practical and well-aligned	Relevant recommendations	Basic recommendations	Unclear or missing

Criteria	Exceeds	Meets	Approaches	Beginning
Evidence and sources	Strong evidence and sources	Adequate evidence	Limited sources	Uncited or weak
Communication	Clear and structured	Mostly clear	Some gaps	Hard to follow