

Commonly-Used Terms: Web Browsers, UI, Cloud Storage

60 minutes

ICT Specialism 4: The internet and digital literacy

Outcome M4.U1.1

Outcome M1.U1.1

WHAT THIS LESSON DOES

This lesson introduces essential digital terminology used in web browsing and cloud storage. You will define six core terms (browser, UI, cloud storage, URL, domain, HTTPS), provide real examples, and create a personal Digital Literacy Glossary in your own words.

CURRICULUM OUTCOMES

Outcome	What the specification asks for
M4.U1.1	Understand concepts and safety considerations relating to the effective and ethical uses of digital technologies and the internet.
M1.U1.1	Demonstrate proficiency in creating and managing a filing framework (opening, saving, folders within folders, etc.).

WHAT STUDENTS SHOULD BE ABLE TO DO

- Define browser, UI, cloud storage, URL, domain, and HTTPS in plain language
- Give a real example for each core term from school systems, Irish public sites, or the investigation
- Build a personal Digital Literacy Glossary with at least six core terms fully filled

BEFORE THE BELL

- Print copies of the key concepts table for students who prefer paper notes (default support, not optional).
- Pre-create sm4_digital_literacy_glossary starter files in sm4 for your support students, with the headers, the three sample rows and the remaining term labels already in column one, so they can be shared the moment the step-by-step task begins.
- Have flashcards_digital_terms to hand for students who stall on a row during independent practice, and for anyone who wants to add an extra term.
- Have a browser open with the address bar and padlock or site-information icon visible, and Project_Portfolio open in cloud storage for live examples
- Print the key-concepts table for support copies; browser and Project_Portfolio ready for live pointing
- Confirm every student can open Project_Portfolio and the sm4 sub-folder; optionally pre-create support glossary template in sm4
- Have flashcards_digital_terms ready to deploy; support starter glossary shared; one HTTPS think-aloud example rehearsed

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HOW THE LESSON RUNS

5 min	introduction	Introduction
8 min	content	Key concepts
14 min	activity	Step-by-step task
3 min	content	Common issues
20 min	activity	Independent practice
5 min	content	Reflection
5 min	summary	Lesson summary

TEACHING MOVES

- NEW 15 Sep: this lesson now carries the hardware and software vocabulary as well as the web terms, because it is taught nowhere else in this course and students last met it in the Introduction module. Budget about 15 minutes for the first half. If you can open a real machine in the room, even a dead one, do it. Use the drag-sort for input against output and system against application software.
- Live screen pointer leads; table is follow-along only.
- Count aloud when inserting the table: header plus six core terms = seven rows; show the empty grid first.
- Meaning-check only for UI, domain, HTTPS: no full definition sentences on the board for copying.
- Before independent practice, model one full HTTPS row with think-aloud (weak copy, then plain rewrite, then real example).
- Point stuck students to the flashcards; support students work from the starter glossary.
- The extra terms (server, client, DNS, cache, cookie) live on the flashcards for anyone who wants them. Describe them that way rather than as material coming up soon, so that nobody leaves a row blank waiting to be taught it.

WHAT TO WATCH FOR

- Difficulty locating the folder path; guide navigation from Project Portfolio to the correct subfolder.
- Copying definitions instead of paraphrasing; model examples using own words.
- Confusing URL with domain; use address bar demonstrations to clarify.

DIFFERENTIATION

- Support: Starter glossary with first three rows done and remaining terms listed; fill definition + example only.
- Extension: Extra rows from the flashcards (cookie, server, client, DNS, cache) or a fourth "Where I will notice this" column.
- Support: Allow paired discussion during reflection; printed key-concepts table on every support desk.