

LESSON 12

AI at Work: Research, Notes and Data

40 minutes

Making with AI

WHAT THIS LESSON DOES

Use an AI assistant on a real task like researching a course or checking a rule. Verify every claim against an independent source, mark each as confirmed corrected or dropped, and produce a verified version you would hand in.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Use an AI assistant on a real research, checking or summarising task
- Verify every claim made by the assistant against an independent source
- Record each claim as confirmed, corrected or dropped with the source used
- Produce a verified version of the answer suitable for submission

BEFORE THE BELL

- Prepare the five claims example for display on the board
- Run the Sports Science entry prompt on your class AI assistant and note a short 4-6 claim answer
- Put the verification record columns on the board or share a one-page template with claim 1 worked for support
- Have CAO or college course pages ready as independent sources

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HOW THE LESSON RUNS

4 min	introduction	Start
8 min	activity	Examine and Discuss: Five Claims
14 min	activity	Hands-on: Ask, Then Verify Every Claim
8 min	content	Your Turn: a Version You Would Hand in
3 min	content	Make Sense
2 min	content	Reflect
1 min	summary	What You Covered

ANSWERS AND LOOK-FORS

- Claim 1, Red flag, check first It may be true for many courses, but “most” with no college named and no source is not ready to rely on. Open two or three Sports Science course pages, or the current CAO materials, and see whether a laboratory science is required or preferred before you treat this as settled. Plausible is not the same as checked.
- Claim 2, Red flag, check first An exact average across all colleges, with no source, is the kind of number models invent confidently. Points differ by course and by year. Check a current CAO or college page for the specific course; do not rely on this figure.
- Claim 3, Looks plausible, still verify This matches how undergraduate entry works in the Republic of Ireland. Rare private or direct-entry routes exist, so ‘almost all’ is the honest phrase. Looks plausible here means triage only: you still confirm the route on the CAO or college page for the course you mean before you rely on it in a real note.
- Claim 4, Red flag, check first This is wrong. Teaching in a recognised school needs a professional teaching qualification, not only a subject degree. A confident career claim with no further-training step is a red flag. Check Teaching Council routes before you plan on it.
- Claim 5, Looks plausible, still verify Open days are college-specific and are normally listed on each college site as the year builds. The claim is modest and matches how students actually find dates. Looks plausible still means you open the real page for the campus you care about before you act on a date.

TEACHING MOVES

- Run the five claims activity in explore mode with a show of hands before revealing reasoning
- State clearly that “Looks plausible, still verify” is triage only; every claim is still verified in the hands-on
- Teacher drives one shared Sports Science research task on the board during the hands-on step
- Circulate during the your turn step to check verification records name independent sources
- Pull concrete examples from the room during the make sense discussion

WHAT TO WATCH FOR

- Students treat “looks plausible” as skip-the-check: remind them triage is not a free pass
- Students accept AI output without checking: require a named independent source for each mark
- Students mark claims without saving the original answer: ensure they keep both versions
- Students set a claim aside without noting why: require the source that decided the change

DIFFERENTIATION

- Support: provide a pre-filled verification record template with the first claim done
- Support: keep everyone on the shared board answer so source help stays focused
- Extension: ask students to compare two different AI tools on the same task and note differences