

Reliability, Accuracy, Validity, Authority (RAVA)

60 minutes

ICT Specialism 4: The internet and digital literacy

Outcome M4.U2.2

WHAT THIS LESSON DOES

In this lesson you will apply four criteria to assess the quality of information sources. You will challenge your gut feelings about trustworthiness and then rate sources from your own research using short written reasons.

CURRICULUM OUTCOMES

Outcome	What the specification asks for
M4.U2.2	Compare information from various sources in order to evaluate its reliability, validity, accuracy and authority.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Apply Reliability, Accuracy, Validity, and Authority criteria
- Challenge gut trust with a Flip Your Instinct drill
- Grade investigation sources on all four criteria with short justifications

BEFORE THE BELL

- Ensure students have their search logs and reference lists available from earlier lessons, and plan the kit-check recovery path (worked-example source plus their own recoverable links).
- Project `img_rava_overview` at Start and have the Pair B model ready to run live before Flip Your Instinct; the four pairs and the sample gap line are already on the student page for that step.
- Prepare a shared class doc for the finished RAVA checklist and a simple tick-list for recording who has the bare minimum banked.
- Project `img_rava_overview`. Have students open `Project_Portfolio / 09_specialism / sm4` with search log and references ready; note who is missing files
- Project `img_rava_overview` and keep the worked mini-table ready to leave on screen
- Open the list-builder on the board before this step; have a shared class doc ready to paste the finished list
- Display the four Flip Your Instinct pairs and the sample gap line where every student can see them; model Pair B before the timer starts
- Visible timer; class checklist for bare-minimum bank (Section 1 + two graded sources); name the catch-up slot for source three
- Bank bare-minimum files; note catch-up names for source three

Reliability, Accuracy, Validity, Authority (RAVA)

HOW THE LESSON RUNS

5 min	introduction	Start
6 min	content	Key concepts
15 min	activity	Build our RAVA checklist
3 min	content	Common issues
10 min	activity	Flip Your Instinct
12 min	activity	Source Grading
4 min	content	Reflection
5 min	summary	Lesson summary

TEACHING MOVES

- Teach two RAVA criteria, take a quick oral check, then teach the other two, and leave the worked mini-table on screen during grading.
- Model Pair B (gut rank, then verify, then gap line) before students begin Flip Your Instinct.
- Facilitate whole-class checklist building, and make sure the agreed list ends up both in a shared doc and at the top of each student's own file.
- Before dismissal, check that Section 1 is complete and two investigation sources are fully graded. Name the catch-up slot for the third source rather than leaving it as open-ended homework.

WHAT TO WATCH FOR

- Grading the source type rather than the claim, cover logos and focus on verifiable elements.
- Identical scores with no reasons, ask for a difference and a short justification.
- Same reason for Reliability and Authority, track record versus standing and expertise.
- Verifying before gut-ranking on Flip Your Instinct, insist the rank goes down first.

DIFFERENTIATION

- Support: sentence starters are on the student Source Grading page; allow bullet justifications.
- Support: paired discussion during the checklist build, and scribe gap lines yourself on Flip Your Instinct if a student needs it.
- Extension: a third investigation source graded in class, or rewriting one RAVA justification as a 20-second read-aloud for an examiner.