

| | ENTRY QSNAIRE [QSNR1] | INITIAL PHASE [PHASE1] | LONGITUDINAL TRACKING PHASE [PHASE2A, 2B, 2C, 2D] | MID-TERM QSNAIRE [QSNR2] | FINAL PHASE [PHASE3] | EXIT QSNAIRE [QSNR3] |
|--------------------|---|---|--|---|---|--|
| Why | Record individual-differences | Establish baseline search behaviour and initial knowledge | Understand change in search behaviour and knowledge acquisition over time | Track changes in individual differences | Record “evolved” search behaviour, and “final” knowledge | Final state of individual differences |
| When | Week 1-2 of semester | Weeks 1-2 of semester; after QSNR1 | Four different points over the semester | Semester mid-point | After last day of classes | After PHASE3 |
| Where | Asynchronous | Synchronous: Remote | Async | Async | Sync: Remote | Async |
| What | <p><u>Only in QSNR1:</u></p> <p>–Consent Form</p> <p><u>Repeated in QSNR2 and QSNR3:</u></p> <p>–Motivation</p> <p>–Self-regulation</p> <p>–Metacognition</p> | <p>Two search tasks: for each task, participants searched to find at least three unique, good quality online resources relevant to a given topic.</p> <ul style="list-style-type: none"> • <u>Pre-search self reporting:</u> existing knowledge, interest, perceived difficulty • <u>Post-search self reporting:</u> perceived learning, perceived search success, interest and motivation, decision making <p>Website reliability assessment from Stanford History Education Group (SHEG).</p> | <p>Participants <u>recorded browsing activity</u> when they worked on final project assignment: writing a research paper, at four different points in the semester (PHASE2).</p> <ul style="list-style-type: none"> – 2A: Proposal – 2B: Paper Outline – 2C: Rough Draft – 2D: Final Paper <p>Participants also shared (anonymized) assignment submission</p> | <p>Similar to QSNR1, with repeated components</p> | <p>Two search tasks: one task-topic repeated from PHASE1, one new; same format as PHASE1</p> <p>Website comparison assessment from Stanford History Education Group (SHEG).</p> | <p>Similar to QSNR2</p> <p>Participants self-reported scores and grades they received for different parts of the final project</p> |
| Approx. Time Reqd. | 10 - 15 mins | 60 - 90 mins | No time limit for working on assignments. Sharing data with researchers took 1-5 minutes. | 10 - 15 mins | 60 - 90 mins | 10 - 15 mins |
| Comp: (USD) \$150 | \$5 | \$25 | \$5, \$5, \$10, \$15 (total \$35) | \$10 | \$30 | \$15 |
| | Bonus \$30 paid in the end, if participant completed all parts of the study. | | | | | |