

| | ENTRY SURVEY [SUR1] | INITIAL SESSION [SES1] | LONGITUDINAL TRACKING [SES2a, SES2b, SES2c SES2d] | MID-TERM SURVEY [SUR2] | FINAL SESSION [SES3] | EXIT SURVEY [SUR3] |
|--------------------|--|--|--|--|--|---|
| 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 SUR1 | Four different points over the semester | Semester mid-point | After last day of classes | Anytime after SES3 |
| Where | Asynchronous | Synchronous: Remote | Async | Async | Sync: Remote | Async |
| What | <p><u>Only in SUR1:</u></p> <ul style="list-style-type: none"> –Consent Form –Search Exp. & IT proficiency <p><u>Repeated in SUR2 and SUR3:</u></p> <ul style="list-style-type: none"> –Course Load –Note-taking strategies –Motivation –Self-regulation –Metacognition | <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>One 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.</p> <ul style="list-style-type: none"> – SESa: Proposal – SES2b: Paper Outline – SES2c: Rough Draft – SES2d: Final Paper <p>Participants also shared (anonymized) assignment submission</p> | <p>Similar to SUR1, with repeated components</p> | <p>Two search tasks: one task-topic repeated from SES1, one new; same format as SES1</p> <p>One website reliability assessment from SHEG (topic different from SES1)</p> <p>Semi-structured interview: reflection on searching and learning experience.</p> | <p>Similar to SUR2</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. | | | | | |