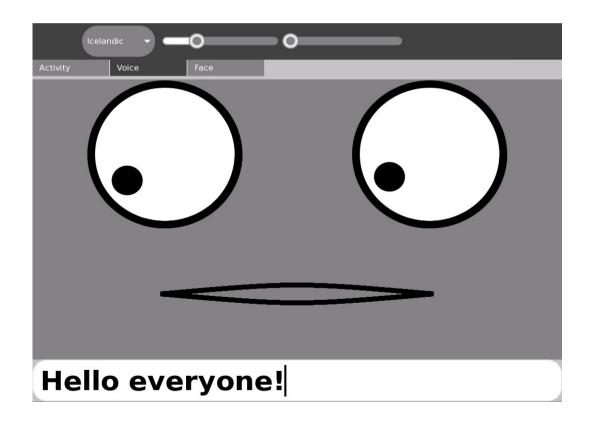
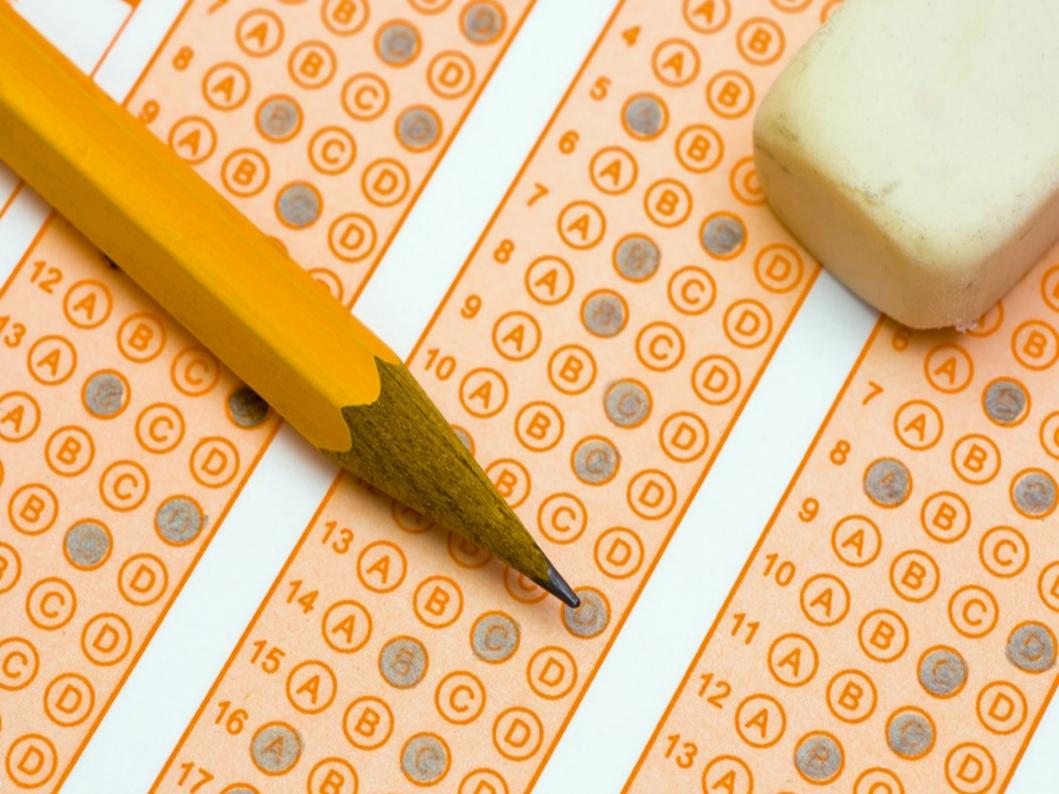
Assessing Constructionist Learning

"What technologies can best quantify acquisition of knowledge in a constructionist setup?"







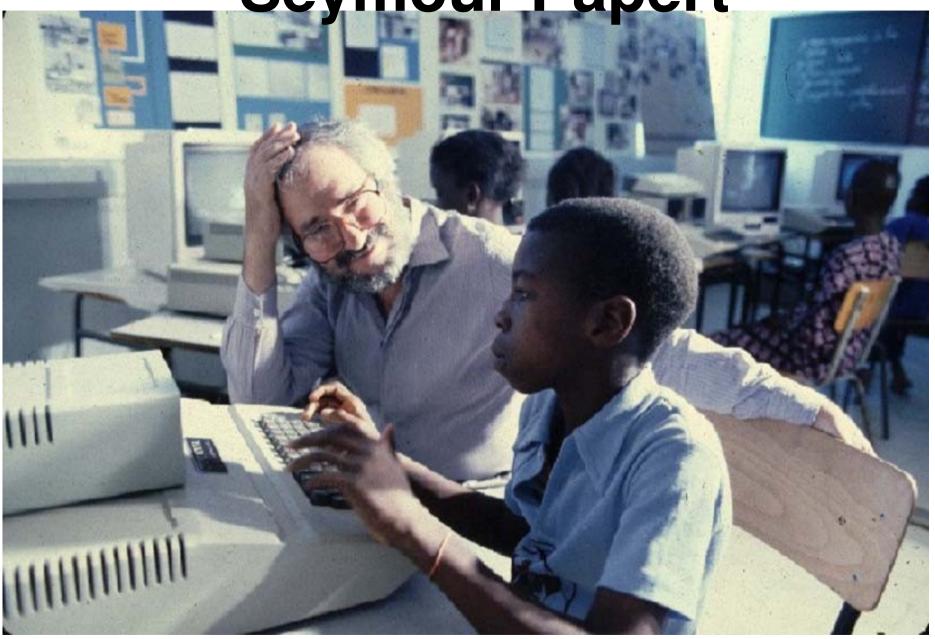


| Course Fullname 101 | You are logged in as Demo User (Logout) |
|---|---|
| Moodle ► CF101 ► Quizzes ► Mikes test quiz ► Order and paging | uestion Bank management Update this Quiz |
| Info Results Q Preview & Edit | |
| Edit Order and paging | |
| Order and paging: Mikes test quiz Basic ideas of making quizzes Repaginate | Question Bank contents [Hide] |
| Total points: 8 Questions: 8 This quiz is open. | Category: Socrates |
| Delete selected Add new pages after selected questions Select all / Deselect all | Select category: Socrates (2) Create new question |
| Move selected questions to page: Reorder questions | Choose v ③ |
| Page 1 1 ☐ ☐ Determinism Why does your DNA do that? ☐ ☐ ↓ × 2 ☐ ☐ Random Question: Aristoteles ☐ ☐ ☐ ↓ × | Sort questions: by type, name Action Question name |
| 3 □ ③Random Question: Aristoteles ≰ ℚ 30 ↑↓ × 4 □ ⑤Empty Random Question: dee ≰ ℚ 40 ↑↓ × | ⟨< □ Socrates 1 Where is the the ♠ □ ⟨< □ Sunscreen What are the lon; ♠ □ Select all / Deselect all |
| 5 □ [©] Empty Random Question: ddd ≰ ^Q | With selected: |
| 7 □ [©] Empty Random Question: ff ≼ □ 8 □ [©] Empty Random Question: d ≼ □ 8 □ ↑ × | Add random questions from category: Add 1 ∨ random questions Add to quiz ? |
| Delete selected Move selected questions to page: Reorder questions | ☑ Display questions from sub-categories too |





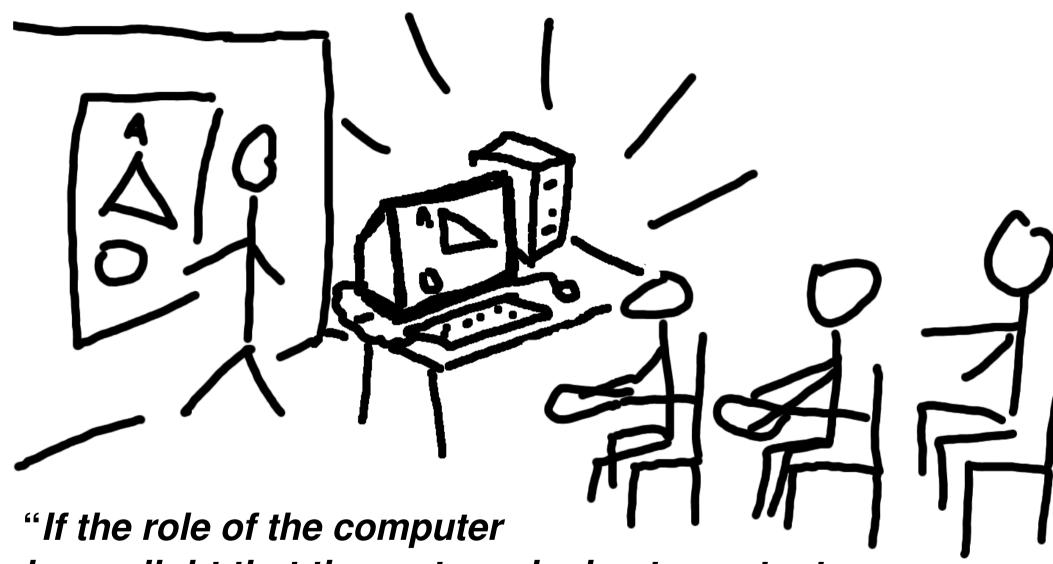
Seymour Papert



sugarlabs



sugarlabs



is so slight that the rest can be kept constant, it will also be too slight for much to come of it."

— Seymour Papert

sugarlabs





Apply **semantic analysis** to writings of students

- Natural language parsers
- Bayes classifiers

...to detect abstract concepts

- Comparing opposite ideas
- "Hole" numbers ;-)

But: is this applicable to individual assessment?

Seth Woodworth





sugarlabs