Quantitative Reasoning Course Assessment Resources

From Carleton College’s Quantitative Inquiry, Reasoning, and Knowledge (QuIRK) Initiative Website

http://serc.carleton.edu/quirk/index.html
The URL above gets you to the page with much resource information about assessing quantitative reasoning, and in particular, about how Carleton is approaching it by evaluating students’ written work.

http://serc.carleton.edu/quirk/Assessment/CaseA.html
This URL makes the case for assessment of QR by analysis of student writing.

http://serc.carleton.edu/quirk/Assessment/index.html
This includes a link to the specific rubric developed at Carleton to assess QR via student writing samples.

http://serc.carleton.edu/quirk/Assessment/goals.html
This set of student learning goals could be helpful for developing a rubric for QR evaluation.

http://serc.carleton.edu/quirk/Assessment/protocol.html
The particular assessment protocol used at Carleton; it is instructive to read to see the role of faculty in evaluating student work.

http://serc.carleton.edu/quirk/ProgramDesign/Elements.html
This URL gets you to a useful page on curricular reform – how to go about getting more QR into pedagogy across disciplines – see the links on professional development and examples of curricular revisions.

Other links from the main URL get you to some interesting research findings and info about how the basic Carleton approach is being used at a handful of schools involved with Carleton faculty in a feasibility study.

Useful reading


