

Inquiry-Based Education in Mathematics: Models, Methods, & Effectiveness for Higher Education

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Introductory Questions

Why are we here?

From a learner's perspective,
what is the purpose of
continuing to study past
secondary school?

What are the goals of a university education?

Information is very free and open these days. Given that one can read and study on one's own, what is the point of going to university?

What do you reasonably expect
that your students will
remember from your courses
20 years later?

How does a person learn something new?

How should a course of study
be structured to facilitate
learning?

What are the potential pitfalls? What challenges do we face in building a community where we all engage in collaborative inquiry?

Specifically:

What barriers would a newcomer encounter that might make them leave such a group?

How do we create a safe space,
so that we can all engage in
the process with minimum
psychological damage?