Learning

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Somebody knows how people can learn to do things that are very hard.

Inquiry-Based Learning

Discussion

1. How do you know when you understand something?

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2. What do you expect to remember in twenty years?

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1. How do you know when you understand something?
2. What do you expect to remember in twenty years?
3. How do you learn something new?

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It must have high standards, an understanding of the difference between what's pretty good, and what is completely right. It must also include respect for the time and thought that all contributions take, and an understanding of the value of productive struggle,

In short, it must include support for risk taking in the face of standards.

A step up

In this class you *do* mathematics, directly.

The text is a sequence of statements, along with a few definitions and remarks. These statements usually ask you to prove something, or maybe to disprove or give an example.

Between class meetings you will have three or four of these statements. You will work on your own, without using additional texts, or the Internet, or discussing the work with other people in the class, or people who have taken the class in the past.

At the next meeting, class members will propose solutions on the board, and we will work those through as a group.