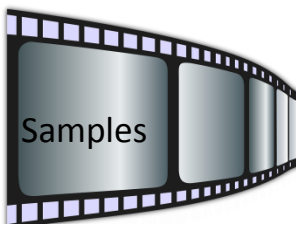


Journaling



Students use journaling to record their thoughts, understandings, and explanations about mathematical ideas. Writing gives students and teachers valuable information about how students are learning math.

Writing about mathematics helps students articulate their thinking, and provides useful information for teachers about learning difficulties, incorrect assumptions, and student's progress in communicating about mathematics. Students shift the emphasis of their work from finding the "right" answer to a metacognitive exploration of how their problem-solving works.

Journaling focuses on developing the following Mathematical Processes:

- Communication
- Connections

How to use Math Journals

<http://math.about.com/od/mathlessonplans/a/MathJournals.htm>

<http://www2.ups.edu/community/tofu/lev1f/jourframe.htm>

http://www.readwritethink.org/files/resources/lesson_images/lesson820/FAQ.pdf

Video - Math Journals: A record for Students and Teacher:

<https://www.teachingchannel.org/videos/math-journals>

Some good questions that lead students to write down their thoughts:

<http://www2.ups.edu/community/tofu/lev1f/jourframe.htm>

Talking, Writing, and Reasoning: Making Thinking Visible with Math Journals

<http://tinyurl.com/2e32scj>

Why use a Math Journal, and what are the characteristics of a great math journal: <http://www.k-5mathteachingresources.com/math-journals.html>

Journaling in Math

<https://www.teachervision.com/math/letters-and-journals/48947.html>

A research monograph from Ontario regarding creating an environment that allows students to reflect.

In English: <http://tinyurl.com/jk7jij4>

In French: <http://tinyurl.com/jxa18vk>