

Math Minilessons: Advanced Research

Pleading the Fifth

INVESTIGATE Euclid's fifth postulate.
WRITE a definition in your own words.
DISCUSS in class why mathematicians have been unable to prove this postulate.

Radical Research

FIND out where the concept and symbols of math radicals originated.
DOCUMENT your findings.
DISCUSS your discoveries in a small group.

Before Zero

INVESTIGATE the origins of the number zero.
EXPLAIN what math was like before the invention of this number.

Dramatic Quadratic

RESEARCH a real-world use of quadratic equations.
GIVE a speech explaining this application.

Blueprint Background

RESEARCH the history of the blueprint.
EXPLAIN how it got its name.
DESCRIBE how the first blueprints were made, and how they are made today.
EXPLAIN how blueprints are used.

English Minilessons: Advanced Research

Top 100

With an adult's help, **CHOOSE** one of the top 100 titles at www.gutenberg.org/browse/scores/top.
READ the book and **EXPLAIN** its theme.

Publisher Facts

LEARN about the publisher of one of your favorite books.
SUMMARIZE the publisher's history.
DESCRIBE the submission policy.

Character Reference

INVESTIGATE the inspiration for a favorite book character.
EXPLAIN what the author says about the character's real-world origins.

Proofreading Practices

INVESTIGATE the techniques of professional proofreaders.
SHARE your favorites in class.

A la Modes

REVIEW a chapter from a favorite book.
WRITE a journal entry discussing how that chapter uses description, exposition, narration, and persuasion. Does it use one mode primarily or a mixture of two or more?
EXPLAIN why you believe the author made that choice.