

Reflections on Methods Courses for Preservice Teachers

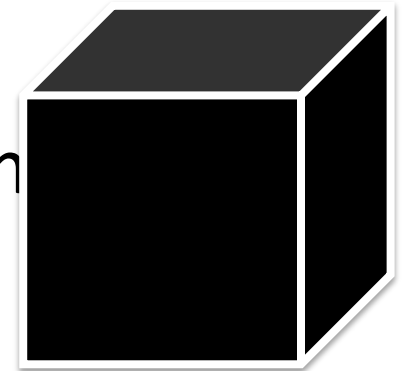
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SCIE 371 Teaching Science in Early
Childhood

SCIE 376 Teaching Science in the Elem
School

PHSC 303 Earth-Space Science

SCIE 355 Teaching Engineering Design in
Elementary and Middle School Science



Teaching Engineering Design

- Designed: 2010
- Required: for middle school science majors
- Focus: design, habits of mind, practices
- Revised: multiple updates over the years (e.g., with engineering teaching standards)
- Resources: have grown over the years
- Includes: Teaching experience; 4 visits over 4 hours; lesson plans, reflections, etc.

Design Process, Notebooks, Posters



Additional Reflections

SCIE 371 Teaching Science in Early Childhood

SCIE 376 Teaching Science in the Elementary School

PHSC 303 Earth-Space Science

SCIE 355 Teaching Engineering Design in Elementary and Middle School Science

And others ...

