Online Science Courses from the Minnesota Department of Education (MDE)

These courses are designed as resources for groups of Minnesota science educators to engage in face-to-face professional learning. Some examples are school-based professional learning communities (PLCs), science study groups, district workshops, and preservice classes. Each module includes hands-on activities, videos, discussion prompts, and analysis of instruction. Facilitation resources enable persons from within the group to lead the sessions.

Enrollment: Use the link below to enroll in the course. The email address you provide becomes the username. You will then receive an email from Canvas prompting you to create a password. If you forgot your password, click on this link to reset your password to gain access to the site https://mndepted.instructure.com

Science and Engineering Practices in Action (SEPA)

Enrollment at https://mndepted.instructure.com/enroll/3487YR

Modules:

- Asking Questions and Defining Problems
- Developing and Using Models
- Constructing Explanations and Designing Solutions
- Plan and Carry Out Investigations and Analyze and interpret Data
- Engaging in Argument from Evidence
- Obtain, Evaluate, and Communicate Information

Minnesota Science Teachers Learning through Lesson Analysis (MnSTeLLA)

Using Questions to Support Student Thinking - Course 1

- Elementary School: Weather: https://mndepted.instructure.com/enroll/TF7XL
  Facilitator Edition https://mndepted.instructure.com/enroll/P64M97
- Middle School: Sun's Effect on Climate: https://mndepted.instructure.com/enroll/B76JRF
  Facilitator Edition: https://mndepted.instructure.com/enroll/YFHRMP
- High School: Energy Transfer: https://mndepted.instructure.com/enroll/G6EM9L
  Facilitator Edition: https://mndepted.instructure.com/enroll/GHP4AL
Developing a Coherent Science Content Storyline - Course 2

  Facilitator Edition: [https://mndepted.instructure.com/enroll/JHDGGM](https://mndepted.instructure.com/enroll/JHDGGM)
- Middle School: Energy in Earth’s Process: [https://mndepted.instructure.com/enroll/RY7RGE](https://mndepted.instructure.com/enroll/RY7RGE)
  Facilitator Edition: [https://mndepted.instructure.com/enroll/BYHPEB](https://mndepted.instructure.com/enroll/BYHPEB)
- High School: Chemical Reactions: [https://mndepted.instructure.com/enroll/MPLACX](https://mndepted.instructure.com/enroll/MPLACX)
  Facilitator Edition: [https://mndepted.instructure.com/enroll/NYYR4A](https://mndepted.instructure.com/enroll/NYYR4A)

Leadership Course

- MnSTeLLA Leadership Module: [https://mndepted.instructure.com/enroll/AC6FFD](https://mndepted.instructure.com/enroll/AC6FFD)

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