

Idaho Math Transitions



Data Science through Mathematics

Course Description

This professional development course for in-service educators and administrators will focus on building awareness of how data is used in Idaho industries for high school mathematics educators. It will help them define data science and show connections between the Idaho Content Standards for Mathematics and data science. It will also provide teaching strategies and resources.

Course Objectives

- Build knowledge about how data is used in Idaho industries and discuss ways that data may be used in high school math courses.
- Explore “Data Science” and what a high school Data Science course may look like.
- Identify connections between potential Data Science course content and the Idaho Content Standards for Mathematics.
- Share and identify sources of rich, deep high school Data Science resources, both content and instructional methods.

Meeting times

Session 1: Wednesday, April 17 (4:00 - 5:30 PT/5:00 - 6:30MT) via Zoom
What is Data Science?

Session 2: Wednesday, May 1 (4:00 - 5:30 PT/5:00 - 6:30MT) via Zoom
Data Science and the Idaho Content Standards for Mathematics

Session 3: Wednesday, May 15 (4:00 - 5:30 PT/5:00 - 6:30MT) via Zoom
Data in Idaho Industries

Session 4: Face-to-Face In Person
Meet ups:

Tuesday June 4 Boise

Friday June 7 Pocatello

Monday June 10 Lewiston

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