



DIMENSIONS OF SUCCESS

Middle School Science and Engineering

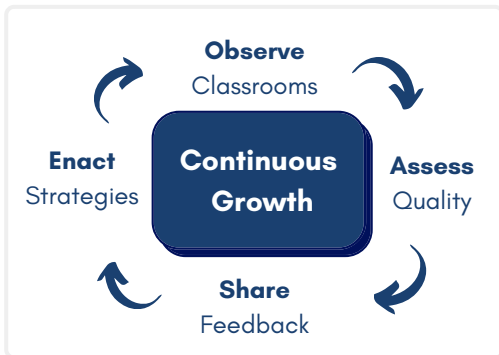
DoS-MSSE is a strengths-based classroom observation tool and feedback system for **middle school science and engineering (MSSE)**.

What is included in the DoS-MSSE tool?

- Observation protocol
- Dimension background + rubrics
- Glossary of key terms
- Authentic science and engineering practices guide

In what settings is the DoS-MSSE used?

- Individualized Coaching
- Professional Learning
- Research
- **NOT** Performance Evaluation



How does the DoS-MSSE feedback system work?

- **Training:** Observers receive training on: 1) key elements of the DoS-MSSE dimensions and 2) how to score each dimension accurately and reliably through video calibration exercises.
- **Observation:** Observers take field notes on interactions between teachers and students during a single classroom lesson (45-90 minutes).
- **Scoring:** Observers assess the quality of the lesson by mapping evidence from their field notes to the rubric criteria for each dimension.
- **Feedback:** Teachers receive feedback on strengths and opportunities for growth based on evidence observed during the lesson.

WANT TO GET INVOLVED?

Email our team:
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 Visit our website:
www.isry.org

4 Domains. 12 Dimensions. 4 Levels of Quality.

STEM Knowledge & Practices

STEM Concepts

Authentic STEM Practices

Reflection

Features of the Learning Environment

Organization

Materials

Space Utilization

Activity Engagement

Access

Purposeful Activities

Engagement with STEM

Youth Development in STEM

Relevance

Relationships

Youth Voice