

PRISM Strategies

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PRISM Leverage Points

- ◆ Strengthening Teacher Quality
- ◆ Higher Expectations for Science and Mathematics Curricula in Schools
- ◆ Increasing Responsiveness of Higher Education

Teacher Quality

◆ Regional Level

- Provide high quality professional development to P-12 faculty teaching science and mathematics
- Implement regional teacher recruitment strategies
- Create Institutes on Teaching and Learning for higher education faculty

◆ State Level

- Provide P-8 endorsement programs in science and mathematics
- Include a 12-hour science concentration for Early Childhood majors
- Initiate new policies to improve working conditions teachers

Curricula Improvement

◆ State Level

- Raise and align science and mathematics student-learning standards and curriculum
- Conduct a public awareness campaign to raise awareness about the importance of taking and succeeding in challenging science and mathematics courses

Increased Involvement from Higher Education

◆ State level

- Higher education faculty will provide professional development and participate in learning communities
- Change current rewards structure in universities to recognize work in P-12 schools