

WHAT IS STEM?

Describe where you feel your district, your school, and your community are with STEM education to another person sitting close to you.



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WHERE TO BEGIN?

IT'S TIME TO CREATE YOUR STEM STRATEGIC PLAN!

Ask these questions first:

- Where are we?
- What do we have to work with?
- Where do we want to be?
- How do we get there?



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WHERE TO BEGIN?

- ***STEP 1 – SHARED LEADERSHIP CULTURE***

- What is this?
- How is this accomplished?
- Why is this crucial to the overall plan?



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WHERE TO BEGIN?

• **STEP 2 – SHARED VISION**

- What is this?
- How do I know I have this?
- What can I do to get this?
- Why is this crucial to the overall plan?



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WHERE TO BEGIN?

- **STEP 3– TAKE INVENTORY**

- What do we have in place today?
 - Teachers-experience and certification levels
 - Programs-shown effectiveness and overall costs
 - Facility-classrooms conducive to STEM learning environment

- Why is this crucial to the overall plan?



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WHERE TO BEGIN?

- ***STEP 4– CREATE THE MISSION GOALS***
 - How are these to be created?
 - What are the challenges?
 - Who should be involved?
 - Do the Goals match what is meant to be accomplished?



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WHERE TO BEGIN?

- ***STEP 5– CONNECT STRATEGIES***

- What is to be considered?
- Are the strategies realistic?
- Do they align with the overall vision?



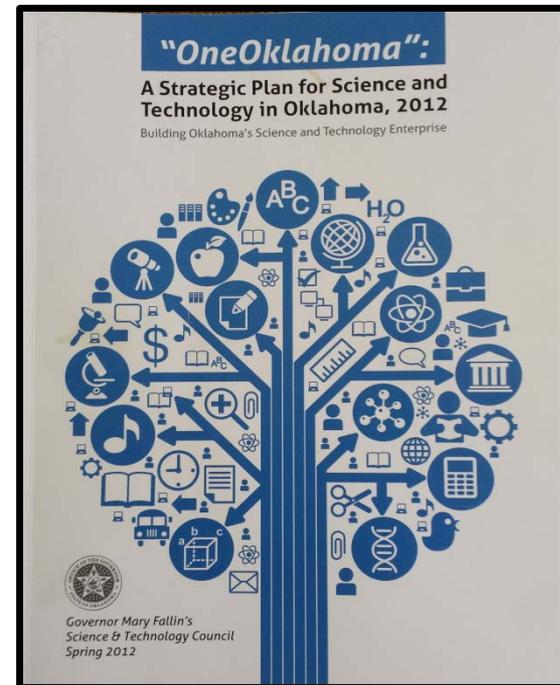
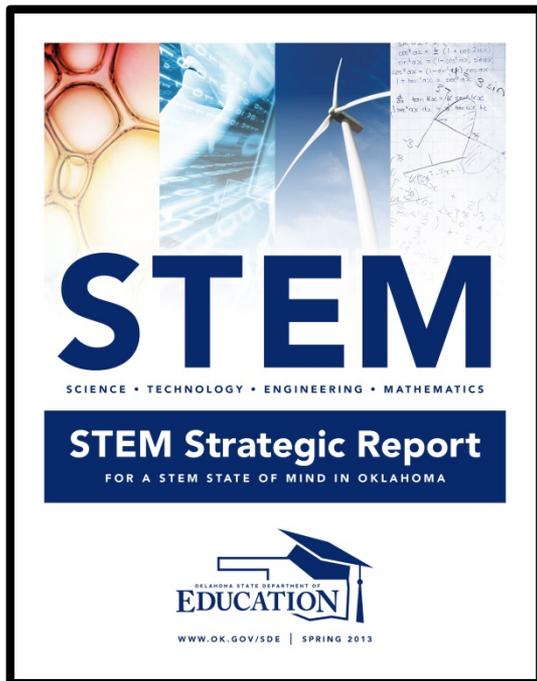
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WHAT IS OSDE STEM DOING?

- OSDE STEM Team has developed a K-12 STEM Strategic Report
- Complete alignment with Gov. Fallin's Science and Technology Council's Strategic Plan



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STEM VISION

- *To ensure Oklahoma students become inspired learners and prepared leaders who can solve the challenges of a world of vastly emerging STEM careers.*



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OSDE STEM TEAM

- Jeff Downs-*Executive Director of STEM*
 - Tiffany Neil – *Director of K-12 Science*
 - Jennifer Lamb – *Director of Elementary Math*
 - Levi Patrick – *Director of Secondary Math*
 - Lori Boyd – *Director of Advanced Placement*



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QUESTIONS?

- Contact information

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