



# EDUCATORS RISING

CALIFORNIA

## 2016 LESSON PLANNING AND DELIVERY COMPETITION STEM (Science, Technology, Engineering, Mathematics)

**COMPETITION TYPE:** Individual

**ELIGIBILITY:** Educators Rising Middle and High School Students

*“...Leadership tomorrow depends on how we educate our students today — especially in science, technology, engineering and math.”*

— President Barack Obama

### Contest Purpose

Planning, preparing, and delivering effective instruction is the heart of the work of all educators. This competition challenges young educators to plan and deliver a lesson of their choosing to an actual classroom of students. Self-reflection following the lesson is an essential component of this competition; a clear-eyed evaluation of what you've done is the best way to learn and make wise choices in the future.

This competition encourages Educators Rising members to try out teaching a lesson in science, technology, engineering, or math (STEM). Quality STEM education for all students can lay a path to personal success and to long-term national prosperity — and skilled teachers are the keys. Also, America is experiencing a critical shortage of skilled STEM teachers; more and more states are offering salary increases and bonuses for well-prepared STEM educators.

Subject areas eligible for this competition:

- ▶ Science
- ▶ Technology/media arts
- ▶ Engineering
- ▶ Mathematics

This competition is cross-walked with the following Education and Training Career Cluster Knowledge and Skill Statements: EDC01, EDC02, EDPC01, EDPC02, EDPC03, and EDPC04.

### Competition Guidelines

***There are three components to this competition: a written lesson plan, a video of the lesson delivery, and a reflection.***

#### 1. LESSON PLAN: A written lesson plan

- A. The lesson plan must be submitted online. The entrant should provide his/her name, the name of the classroom

teacher and the school where the lesson was taught, the grade level and subject, date lesson was performed, title of lesson, objective of lesson, description of practice activities, desired outcomes of the lesson, and a method of assessing whether the outcomes were achieved.

- B. The lesson content and grade level is the entrant's decision.

**2016 LESSON PLANNING AND DELIVERY COMPETITION  
STEM (Science, Technology, Engineering, Mathematics)****2. LESSON DELIVERY: A 10-minute-or-less video**

- A. The lesson described in the plan must be delivered to an actual classroom of students with the classroom teacher present. The classroom teacher may not be the entrant's Educators Rising teacher leader.
- B. A 10-minute video, clearly depicting the entrant delivering the lesson, must be submitted online along with the lesson plan. Do not exceed the 10-minute length. *Only the first 10 minutes of the video will be judged.* (Given that most lessons take longer than 10 minutes, your video may be edited to include a compilation of important parts of your lesson.)

**How to Enter**

- A. Students must submit a link to their video, lesson plan and reflection to [innovation@tomorrow.org](mailto:innovation@tomorrow.org) by March 1, 2016.

**3. REFLECTION:**

- A. The entrant will submit a 1-2 page reflection on the lesson and, optionally, share student- and/or teacher-created artifacts from the lesson. The reflection should include what the entrant felt went well, how to improve, and what was learned from the experience that will help him/her become a better teacher.

**Judging and Scoring**

- A. The judges' decisions are final.
- B. Scoring is based on the Lesson Planning and Delivery Competition — STEM rubric.