

**7 Seconds of Science is a special STEAM project to inspire your students and get everyone excited about science!** This new program involves conducting a science-fair type experiment that students communicate via a short (seven second) video, suitable for sharing on social media. The idea is based on GE's 6-second science fair. Google "How much science can you fit in 6 seconds" for examples!

**We're looking for 7-second videos showcasing the joy of scientific discovery!** The best videos both inform and entertain. Most videos will use time lapse, although some (like chemical reactions and optical illusions) work well in real time. Because we will compile a "Best of" video using our own sound track, submissions don't need sound - just visuals.

**Who can participate?** Any elementary, middle grade or high school student enrolled in a Springfield Public School can submit an entry, either individually or as a group of up to three students. This includes charter school and online students.

**Why are we doing this?** As a public utility specializing in electric and water service, Springfield Utility Board relies on employees with a deep understanding of chemistry, biology and various engineering specialties. Encouraging students to develop these and other technical and scientific skills ensures a ready workforce that can meet the challenges and pursue the opportunities our industry offers.

#### **Awards:**

- **100 participants will receive a \$5 Barnes and Noble gift card** just for entering (chosen via a random drawing.)
- **First, second and third place videos from each school level (elementary, middle and high school).** Awards include \$60, \$30 and \$15 gifts cards to Cinemark or Barnes and Noble. Awards are given per video.
- **Special merit awards will be given for:** 1) Overall creativity, 2) Most interesting water science video, and 3) Most interesting electricity/engineering video. Each special merit award comes with a \$60 gift card.



#### **Entries will be scored on:**

- **Scientific relevance** – is there a scientific principle being demonstrated?
- **Creativity** – does it include an artful, funny, clever or surprising element?
- **Communication** – does it convey the scientific principle in a clear way?

**Judging:** All entries will be scored based by a panel of judges from SUB and SEF.

**Anthony Case, PhD** – Astrophysicist at Smithsonian Astrophysical Observatory, and Thurston High School alumni

**David Willis** – Chair, Springfield Utility Board

**Micah Adams** – Chair, Springfield Education Foundation

**Jeff Nelson** – General Manager, Springfield Utility Board

**Susan Rieke-Smith, Ed PhD** – Superintendent, Springfield Public Schools

**Submit entries to SUB's Main office at 250 A street by 5:00 pm, Tuesday, May 2, 2017**

*See reverse side for additional information.*

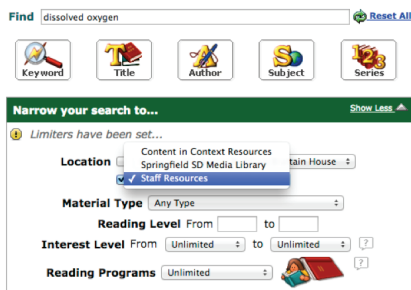




## Additional Information

**What equipment is needed?** Videos should be provided in .MOV or .MP4 format (typical on most smart phones and Go Pro type cameras.)

To check availability of video equipment at your school, teachers can log into their library accounts through Destiny. When searching for items needed, be sure to check the box for “Staff Resources.”



If your school does not have equipment to lend to those students without access to a smart phone or compatible video camera, call Meredith Clark at SUB for options.

There are numerous free video-editing apps available for smart phones and laptops. (Some good free video editing apps: “Quik” by GoPro and “Adobe Premiere Clip” by Adobe, found on the Google Play store).

After recording and editing their video to exactly 7 seconds, the final edited video should be “Exported” from your editing app in the MOV or MP4 format.

**Can I get technical help?** SUB can provide a video expert to visit your class or club during the process to provide guidance. Call Meredith Clark at SUB to make arrangements.

**Submission guidelines:** Students should retain their “original” video files. Teachers collect submissions on a thumb drive (SUB will provide if requested). File names must include the student’s first initial, last name and school, i.e. “JDoeHamlin.MP4”. Students can also email entries directly to SUB at “7secondsofscience@gmail.com”

**What happens to the video submissions?** Winners will be announced on Thursday, May 11, 2017. Award recipients will be announced in SUB’s Summer customer newsletter. A compilation video showcasing student work will be available on SUB and SEF websites and social media sites.

**Do students need to sign a waiver?** Students retain all rights to their work, but parents of students with winning entries will need to sign a release allowing their videos to be shown in various venues.

### Questions and resources:

- Ronnel Curry, SEF  
541-726-3243  
ronnel@springfieldeducationfoundation.org
- Meredith Clark, SUB  
541-744-3794  
meredithc@subutil.com