



# K–12 Statistics **Education Resources**

## [www.amstat.org/education](http://www.amstat.org/education)

### U.S. Census at School Program



The U.S. version of Census at School is a free international classroom project that engages students in grades 4 to 12 in statistical problemsolving. Students complete an online survey, analyze their class census results, and compare their class with random samples of students in the United States and abroad. For more information, visit [www.amstat.org/censusatschool](http://www.amstat.org/censusatschool).

### Poster and Project Competitions

Introduce K–12 students to statistics through annual poster and project competitions. The competitions offer opportunities for students to formulate questions and collect, analyze, and draw conclusions from data. Winners' are recognized with plaques, cash prizes, certificates, and calculators and their names are published in *Amstat News*. For more information, including two instructional webinars, visit [www.amstat.org/education/posterprojects](http://www.amstat.org/education/posterprojects).

### Statistics Education Webinars, Workshops, & Resources



The American Statistical Association offers free webinars on K–12 statistics education topics at [www.amstat.org/education/webinars](http://www.amstat.org/education/webinars). This series was developed as part of the follow-up activities for the Meeting Within a Meeting (MWM) Statistics Workshop for Math and Science Teachers ([www.amstat.org/education/mwm](http://www.amstat.org/education/mwm)). The next MWM statistics workshop and the Beyond AP Statistics (BAPS) Workshop ([www.amstat.org/education/baps](http://www.amstat.org/education/baps)) will be held in August 2012 in San Diego, California, in conjunction with the Joint Statistical Meetings. The Consortium for the Advancement of Undergraduate Statistics Education also offers free webinars at [www.causeweb.org](http://www.causeweb.org). Lists of free websites and data resources are available at [www.amstat.org/education/usefulsitesforteachers.cfm](http://www.amstat.org/education/usefulsitesforteachers.cfm).

### Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report: A Pre-K–12 Curriculum Framework

Participants in the GAISE project created recommendations and a curriculum framework with examples for teaching statistics in the pre-K–12 years. The GAISE Pre-K–12 Report is freely available online at [www.amstat.org/education/gaise](http://www.amstat.org/education/gaise).

### FREE Statistics Education Publications

*The Statistics Teacher Network (STN)* is a free newsletter for Grades K–12. STN is online at [www.amstat.org/education/stn](http://www.amstat.org/education/stn). Readers are encouraged to submit articles for publication to STN Editor Rebecca Pierce at [rpierce@bsu.edu](mailto:rpierce@bsu.edu).



*Bridging the Gap Between Common Core State Standards and Teaching Statistics* is a collection of 20 investigations for the elementary and middle-school classroom. For more information and to download a free investigation, visit [www.amstat.org/education/btg](http://www.amstat.org/education/btg).

*Making Sense of Statistical Studies (MSSS)* offers 15 hands-on investigations that provide students with valuable experience in designing and analyzing statistical studies. To download a free investigation or watch a free webinar demonstrating investigation, visit [www.amstat.org/education/msss](http://www.amstat.org/education/msss).

The *Journal of Statistics Education (JSE)* is a free online journal focusing on the teaching and learning of statistics. It is available at [www.amstat.org/publications/jse](http://www.amstat.org/publications/jse).

Other ASA publications in statistics education are available at [www.amstat.org/education/publications.cfm](http://www.amstat.org/education/publications.cfm).

### Statistics Education Web (STEW) in Search of Lesson Plans

The new editor of Statistics Education Web (STEW), Mary Richardson of Grand Valley State University, is accepting submissions of lesson plans for an online bank of peer-reviewed lesson plans for K–12 teachers of mathematics and science. Lesson plans showcase the use of statistical methods and ideas in science and mathematics based on the framework and levels in the *Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report: A Pre-K–12 Curriculum Framework* ([www.amstat.org/education/gaise](http://www.amstat.org/education/gaise)). Please consider submitting your favorite lesson plans according to the STEW template to [steweditor@amstat.org](mailto:steweditor@amstat.org). For more information and to view published lesson plans, visit [www.amstat.org/education/STEW](http://www.amstat.org/education/STEW).

### ASA K-12 Teacher Trial Membership

K–12 teachers can sign up for a free three-month ASA K–12 teacher trial membership at [www.amstat.org/membership/K12teachers](http://www.amstat.org/membership/K12teachers).