SUGGESTED RESOURCES

SUPPLEMENTARY MATERIALS


INTERNET RESOURCES

Please note: Commercial sites frequently change their web pages so that teachers may need to revisit each site before using. Use your search engines and browse for updates and additions to these sites.

RPDP
Tips website: [http://rpdp.net/sciencetips_v3/](http://rpdp.net/sciencetips_v3/)

GENERAL SCIENCE WEBSITES

Address: [http://www.scienccenetlinks.com/index.html](http://www.scienccenetlinks.com/index.html)
This site offers resources and lessons for K-12 science educators.

This site contains information and an online guidebook for teachers with activities regarding optics and much more.

Address: [http://www.accessexcellence.org/](http://www.accessexcellence.org/)
This site contains an abundance of information for health and science teachers, including a section on biotech, science updates, classrooms of the 21st century, and a resource center.

Address: [http://www.madsci.org](http://www.madsci.org)
This is a fun and interesting site. It contains labs, a library for resources on the web, and a section where you can ask a scientist a question.

Address: [http://www.newscientist.com](http://www.newscientist.com)
This is a web site with articles and information about science and technology news worldwide.

Address: [http://zебu.uoregon.edu](http://zебu.uoregon.edu)
This site discusses space science, earth science, physics, our environment and other information. Each topic also has multiple other links attached to it.

Address: [http://www.sciencegems.com](http://www.sciencegems.com)
This site provides lesson plans on the subjects of physical, life, and earth science. The subjects are broken down into subcategories depending on the nature and complexity of the subject.

Address: [http://www.sedl.org/scimath/compass/](http://www.sedl.org/scimath/compass/)
This site provides a collection of ideas, activities and resources for math and science classrooms. There is also a section of math and science mentoring archives that provides answers to commonly asked questions.
This site hosts an "Ask a Scientist" archive directory. You can research full text articles from the last 9 years in a number of areas (astronomy, biology, botany, chemistry, environmental, weather, and more).

This site offers lesson plans on every imaginable science-based topic.

**PHYSICAL SCIENCE WEBSITES**
Address: [http://www.glenbrook.k12.il.us/gbssci/phys/Class/BBoard.html](http://www.glenbrook.k12.il.us/gbssci/phys/Class/BBoard.html)
This site is all about physics. It discusses Newton's Laws, static electricity, light waves and color and much, much more.

**EARTH AND SPACE SCIENCE WEBSITES**
This site contains information on constellations, alphabetically and by month, and stars, the nearest and the brightest.

Address: [http://amazing-space.stsci.edu/](http://amazing-space.stsci.edu/)
This site contains web-based activities and information about space.

Address: [http://www.usatoday.com/weather/wteach.htm](http://www.usatoday.com/weather/wteach.htm)
This site is part of the USA Today site. The weather section has a section devoted to web earth science for teachers.

Address: [http://www.globe.gov/](http://www.globe.gov/)
This site contains The Globe Program, which is about global learning and observations to benefit the environment.

Address: [http://www.ucar.edu/learn/](http://www.ucar.edu/learn/)
This site provides lessons and field tested, hands-on, experimental activities regarding the subject of the "Cycles of the Earth and Atmosphere."

This site, entitled "Astronomy Picture of the Day," features a different photo or image of the universe each day--complete with a written brief provided by a professional astronomer.

This site offers a space library, complete with solar system simulator, maps, artwork, and more!

**LIFE SCIENCE WEBSITES**
Address: [http://www.biology.arizona.edu/](http://www.biology.arizona.edu/)
This site is a resource for learning biology. It contains information on biochemistry, cell biology, chemicals and human health and much more.

Address: [http://eelink.net/classroomresources-directories.html](http://eelink.net/classroomresources-directories.html)
This site provides curricula and resources on environmental education. It contains downloadable activities and student sites.
The following is a brief description of opportunities that are available for our CCSD high school students that can assist students in preparation for the High School Proficiency Exam (HSPE).

Resources are available for a variety of content areas including mathematics, science, and English language arts. These resources are available to assist in classroom learning, preparation for the Nevada High School Proficiency Exam (HSPE) and Common Mathematics Semester Assessments.

- On the Clark County School District website [www.ccsd.net](http://www.ccsd.net) navigate to the Students tab to find Proficiency Exam Information resources:
  - The exam schedule
  - A link to the Nevada Department of Education NHSPE Instructional Materials
  - A video entitled Preparing for the Proficiency Exam

- Additional resources are available to assist students in reading and writing beyond the classroom from the Curriculum and Professional Development Division, Literacy Services Department at [www.ccsd.net/cpd](http://www.ccsd.net/cpd). Click on Literacy Services>Practice Proficiency Exams to find the following resources:
  - NHSPE in Reading – Sample form
  - NV Writing Assessment Holistic Rubric
  - NV Writing Proficiency Exam Analytic Scoring Guides for Conventions, Ideas, Organization, and Voice
  - Nevada Department of Education Writing Assessment

- Practice exams can also be found in InterAct. Click on [District Link>Student Assessment> HSPE](http://www.ccsd.net/cpd).

- Southern Nevada Regional Professional Development Program (RPDP) website ([www.rpdp.net](http://www.rpdp.net)) has two areas to assist with the NHSPE. The resources below can be found through the following link English Language Arts>High School Resources>Additional Resources:
  - Diagnosing Writing Problems
  - NHSPE Reading Test Prep
  - Test-Taking Strategies for the HSPE in Reading
  - Tips for Answering and Passing Exam Questions
Additional resources can be found at English Language Arts >NHSPE
  - Analytic Trait Rubric
  - NHSPE - reading
  - NHSPE – reading PowerPoint

- Nevada Department of Education website ([www.doe.nv.gov](http://www.doe.nv.gov)) includes practice questions, released exams, and assessment information.

- Proficiency Tutoring is offered in mathematics, science, and English language arts prior to each administration of the HSPE at CCSD high schools. Tutoring programs are customized specific to student need at each participating high school and at participating Public Libraries. Currently mathematics tutoring is held in the Homework Help Center at the West Las Vegas and Centennial Hills Library’s and at the Young People’s Storyroom at the Flamingo Library.
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- **Online mathematics tutorial** ([www.supermathtutor.com](http://www.supermathtutor.com))
  This online mathematics tutorial provides students with pre-test, remediation modules, and a post-test to assist students strengthen their mathematics knowledge.

- **Curriculum and Professional Development website** ([www.ccsd.net/cpd](http://www.ccsd.net/cpd))
  This website contains curriculum information, projects, and resources from every subject area at every grade level taught in the CCSD. Resources include released exams for the high school proficiency exams in mathematics and reading.

- **Southern Nevada Regional Professional Development Program (RPDP) website** ([www.rpdp.net](http://www.rpdp.net))
  This website provides resources in mathematics, science, English language arts, and social studies.

Additional resources include:
- Online science assessment questions
- Common Mathematics Semester Assessment Test Specifications
- Common Mathematics Semester Practice Assessments
- Common Mathematics Semester Practice Questions
- Practice Proficiency Exams

- **Nevada Department of Education website** ([www.doe.nv.gov](http://www.doe.nv.gov))
  Resources include practice questions, released exams, and assessment information.

- **Proficiency Tutoring**
  Tutoring in mathematics, science, and English language arts is offered prior to each administration of the HSPE at CCSD high schools. Tutoring programs are customized specific to student need at each high school and participating Public Libraries. Currently mathematics tutoring is held in the Homework Help Center at the West Las Vegas and Centennial Hills Library’s and at the Young People’s Storyroom at the Flamingo Library.

- **Student Opportunities website** ([http://so.ccsd.net](http://so.ccsd.net))
  This website provides students with information regarding the opportunities for students in the CCSD. Opportunities listed include: Scholarships, contests, college events, internships, and the released versions of the high school proficiency exams (practice exams).
# FREE TUTORING

## High School 2009-2010 Math Proficiency Exam

### Centennial Hills Library
**Homework Help Center**
6711 N. Buffalo Drive
Las Vegas, NV 89131

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### Clark County Library
**Young People’s Storyroom**
1401 E. Flamingo Road
Las Vegas, NV 89119

### Spring Valley Library
**Storyroom**
4280 South Jones Blvd.
Las Vegas, NV 89103

### Sunrise Library
**Auditorium**
5400 Harris Avenue
Las Vegas, NV 89110

### West Las Vegas Library
**Homework Help Center**
951 W. Lake Mead Blvd.
Las Vegas, NV 89106

**No Registration Required**
Please call (702) 855-9771 for more information.