



To Intermediate Algebra Students and Parents:

Course Description

Intermediate Algebra reviews and extends the applications and language of first year algebra with increased emphasis on number systems, functions, and graphs, and includes a preparation for advanced math courses. Language and symbolism are expanded to encompass new concepts. Topics include relations and functions, quadratic equations, conic sections, matrices, logarithms, and sequences and series.

Basic Texts

All students are provided with state approved textbooks for this class. Students will need their textbooks both at school and at home every day.

College Preparation

This is a college preparatory math class in which students need to earn a “C” or better in order to fulfill the “a-g” admission requirements for California State University (CSU) and University of California (UC). Students who are enrolled in Intermediate Algebra are completing the requirements for college admission to CSU and UC which include Algebra, Geometry, and Intermediate Algebra. Students should strive to complete an additional math course, Precalculus, Statistics and Probability, Finite Math or Functions, Statistics and Trigonometry, in order to ensure success in their college math courses.

Student Expectations

Students who expect to succeed must take an active part in their Intermediate Algebra class, complete all assigned work, perform well on quizzes and tests, and attend class regularly. Students’ grades are based on homework, classwork, Cornell notes, open-ended math questions, quizzes, tests, and other assessments such as presentations and projects.

Cornell Notes

Students are expected to take notes during instruction, which they can refer to for homework and test preparation. Notes include vocabulary, descriptions, examples, visual models, and summaries to create a learning record of math concepts and processes learned.

Homework

Homework is assigned daily, and all work must be shown for credit. This is an area in which parents can take an active role. Parents should provide students with an appropriate work area and periodically check their child’s work for neatness and completeness throughout the year. It is important that students study the material, identify any problem areas, and secure

additional help immediately if they have any questions. Students may get help on homework Monday through Thursday by calling the Homework Helpline at (562) 437-2859 between 4:00 pm - 6:00 pm.

District Assessments

Intermediate Algebra students take a variety of district assessments. At the end of quarter 1, students take a 20-item multiple-choice exam; at the end the first semester, students take a 50-item multiple-choice exam; and at the end of quarter 3, students take a 20-item multiple-choice exam. At the end of the school year, teachers of Intermediate Algebra administer the LBUSD End-of-Course Exam containing 50 multiple choice questions covering the same math standards as the Algebra II California Standards Test (CST), which is part of the Standardized Testing and Reporting (STAR) exam.

Calculator Usage

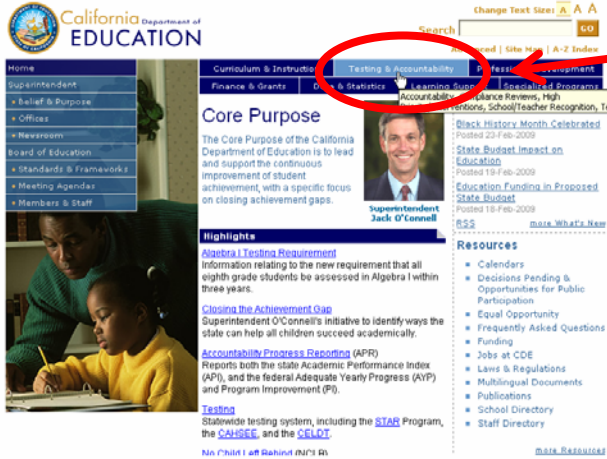
Although Long Beach Unified School District expects students to be proficient in many skills without the use of a calculator, Intermediate Algebra requires that students learn to use a scientific calculator for more complex problems. Some calculators will be available in the classroom, but it is important that all students own a scientific calculator in order to complete class assignments and homework. The use of calculators is not allowed on the STAR test or either of the LBUSD quarter exams described above. The LBUSD 1st semester and End-of Course Exam allow the use of a scientific calculator.

Standardized Testing and Reporting Program (STAR) for Intermediate Algebra

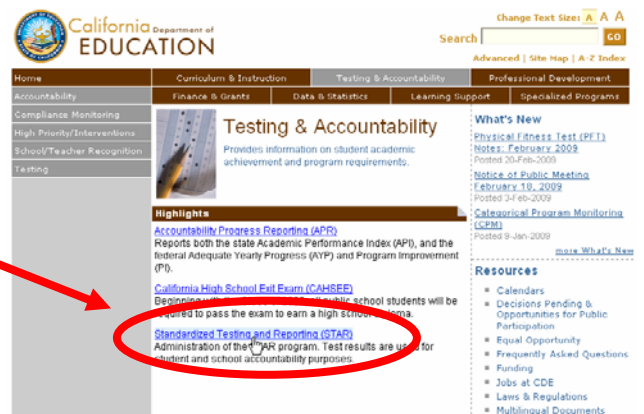
All students in grades 9 - 11 will take the STAR test in the spring. Students enrolled in Intermediate Algebra take the Algebra II California Standards Test (CST). Calculators may not be used for the STAR exam. Released questions can be found on the California Department of Education's website: www.cde.ca.gov (see pages 3 and 4).

Accessing the CST Released Items

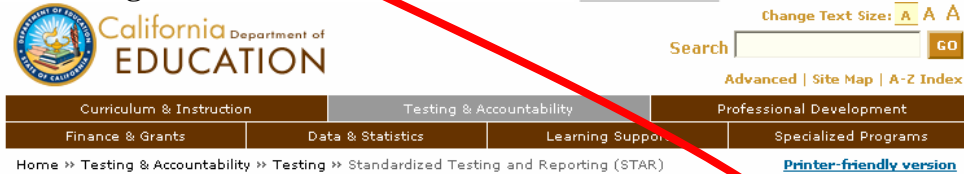
1. Go to www.cde.ca.gov
2. Click **Testing and Accountability**



3. Click **Standardized Testing and Reporting (STAR)**



4. Click **Program Resources**



Standardized Testing and Reporting (STAR)

Administration of the Standardized Testing and Reporting (STAR) program. Test results are used for student and school accountability purposes.

[Test Results Reporting Site](#)

STAR 2008 results are now available.

[2008 STAR Program Summary of Results](#) (Posted 15-Aug-2008; DOC; 372KB; 16pp.)

[Testing Variations, Accommodations, and Modifications](#) (Posted 01-11-2008; DOC; 2.3MB; 6pp.)

[Program Resources](#)

Copyright permission, performance level tables, reference sheets, California Standards Tests blueprints, writing guides, frequently asked questions, information and assistance packets, and technical reports.

[CAPA Alternate Performance Assessment \(CAPA\)](#)

[California Modified Assessment \(CMA\)](#)

[Administrative Documents](#)

STAR regulations, Pre-ID, apportionment, and item and time charts.

[Program Notes](#)

STAR Assessment Notes.

5. Click **California Standards Test (CST) Released Questions**

Program Resources
Supplemental information for the STAR Program.

Permission is granted in advance for reproduction of these resources for educational purposes. The content must remain unchanged and in its entirety as published by the California Department of Education. To obtain permission to reproduce the information (text or graphics) contained on this Web site for any commercial purpose, submit the specifics of your request in writing to the Copyright Program Office, California Department of Education, CDE Press, 1430 N Street, Suite 3207, Sacramento, CA 95814 or fax: 916-324-9707.

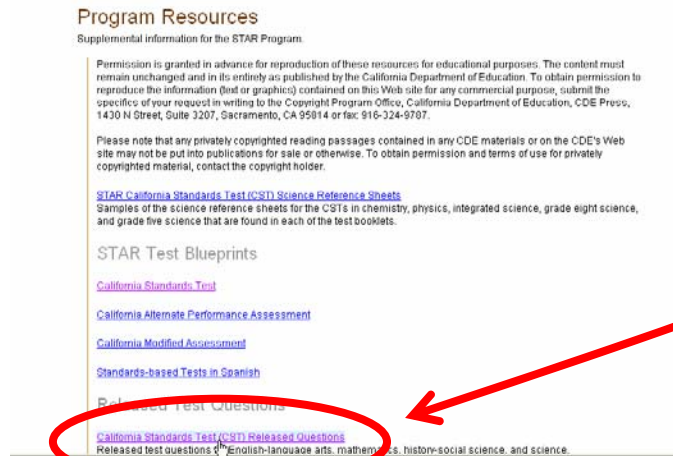
Please note that any privately copyrighted reading passages contained in any CDE materials or on the CDE's Web site may not be put into publications for sale or otherwise. To obtain permission and terms of use for privately copyrighted material, contact the copyright holder.

[STAR California Standards Test \(CST\) Science Reference Sheets](#)
Samples of the science reference sheets for the CSTs in chemistry, physics, integrated science, grade eight science, and grade five science that are found in each of the test booklets.

STAR Test Blueprints

- [California Standards Test](#)
- [California Alternate Performance Assessment](#)
- [California Modified Assessment](#)
- [Standards-based Tests in Spanish](#)
- [Released Test Questions](#)

[California Standards Test \(CST\) Released Questions](#)
Released test questions in English-language arts, mathematics, history-social science, and science.



6. Under **Mathematics**, click **Algebra II**

Mathematics

[Grade 2](#) (PDF; 3.8MB; 49pp.)

[Grade 3](#) (PDF; 784KB; 32pp.)

[Grade 4](#) (PDF; 706KB; 31pp.)

[Grade 5](#) (PDF; 1.3MB; 30pp.)

[Grade 6](#) (PDF; 554KB; 27pp.)

[Grade 7](#) (PDF; 1.1MB; 30pp.)

[Geometry](#) (PDF; 607KB; 35pp.)

[Algebra I](#) (PDF; 1.1MB; 27pp.)

[Algebra II](#) (PDF; 736KB; 27pp.)