

Curriculum Update

ECHS BEST PRACTICES SUMMIT, AUGUST 2016

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Agenda

- Graduation Requirements
- Curriculum-Related Updates
- PEIMS Updates

Graduation Requirements

Graduation Requirements

- Texas Administrative Code, Chapter 74
 - Subchapter B – Foundation High School Program (beginning 2014-2015)
 - Subchapter G – Students entering Grade 9 in the 2012-2013 and 2013-2014 school years

<http://ritter.tea.state.tx.us/rules/tac/chapter074/index.html>



Foundation High School Program

- Began with all 9th graders beginning with the 2014-2015 school year.
- Students who entered grade 9 prior to 2014-2015 have the **choice** of staying on their current high school program (MHSP, RHSP, or DAP) or opting over to the Foundation High School Program.

Foundation High School Program

Changes to the Foundation High School Program

In April 2016, the SBOE approved amendments to the Foundation High School Program graduation that update the rules and make the following changes:

- Add a sequence requiring the completion of English I, II, and III prior to taking the fourth advanced English credit
- Add new Financial Mathematics course to advanced courses that satisfy the third mathematics credit



Foundation High School Program

Changes to the Foundation High School Program

- Eliminate the expiration of the provision allowing Computer Science I, II, and III to satisfy the LOTE graduation requirement
- Include Career Preparation I-II courses with the career clusters from which the final course in a coherent sequence for an endorsement may be selected
- Allow a course to count as part of the set of four courses for more than one endorsement



Foundation High School Program

Changes to the Foundation High School Program

- Remove specific references to College Board Advanced Placement (AP) and International Baccalaureate (IB) courses from the Foundation High School Program and endorsement course requirements and replace those references with a general reference regarding appropriate substitutions

Foundation High School Program

Texas Administrative Code §74.11(h)

“College Board Advanced Placement (AP) and International Baccalaureate (IB) courses may be substituted as appropriate for required courses. A single AP or IB course may not count toward more than one credit required for graduation . . . but may count toward both a required course and an endorsement. AP and IB courses may satisfy elective credit requirements.”



Foundation High School Program

- The SBOE will discuss additional proposed amendments to the graduation requirements at the September 2016 meeting.
- The amendments would add new career and technical education course options to the Foundation High School Program that will be available for students to satisfy graduation requirements beginning with the 2017-2018 school year.

Curriculum-Related Updates

Mathematics: Supporting Information

The supporting information documents for mathematics K – 8 and high school have recently been updated.

<http://texasgateway.org/resource/mathematics-teks-supporting-information>

High school courses include:

1. Algebra
2. Geometry
3. Algebra II
4. Mathematical Models With Applications
5. Precalculus
6. Advanced Quantitative Reasoning
7. Statistics
8. Algebraic Reasoning



Mathematics Prerequisites

The mathematics prerequisites have changed with the implementation of the [Texas Essential Knowledge and Skills](#) in August 2015.

Prerequisites for mathematics can be found in the TEKS for each course under general requirements.

The word “recommended” has been removed from most of the prerequisites.



Mathematics Prerequisites

Course	Prerequisite	Course	Prerequisite
<u>Algebra I</u>	Grade 8 Math or its equivalent	<u>Statistics</u>	Algebra I
<u>Geometry</u>	Algebra I	<u>Precalculus</u>	Algebra I, Geometry, and Algebra II
<u>Algebra II</u>	Algebra I	<u>Adv. Quantitative Reasoning</u>	Geometry and Algebra II
<u>Mathematical Models with Applications</u>	Algebra I	<u>Independent Study in Mathematics</u>	Geometry and Algebra II
<u>Algebraic Reasoning</u>	Algebra I	<u>Discrete Mathematics for Problem Solving</u>	Algebra II

SBOE Rules on Prerequisites

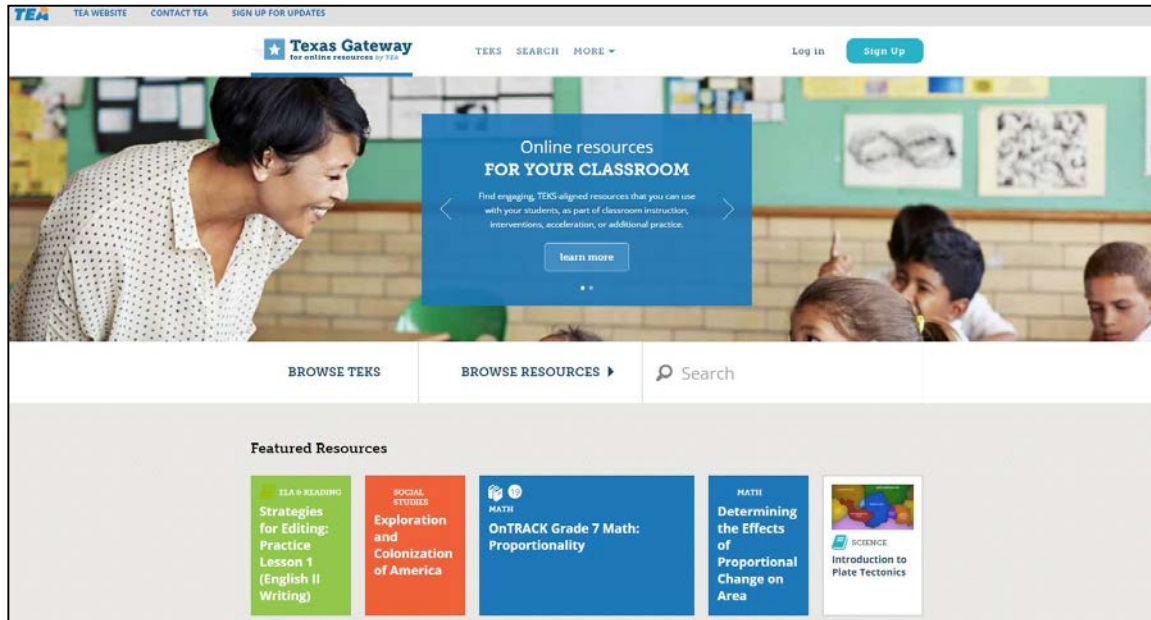
[Chapter 74.11\(j\)](#) and [Chapter 74.71\(k\)](#)

A student may not be enrolled in a course that has a required prerequisite unless the student

- has successfully completed the prerequisite course(s);
- has demonstrated equivalent knowledge as determined by the school district; or
- was already enrolled in the course in an out-of-state, an out-of-country, or a Texas nonpublic school and transferred to a Texas public school.



Texas Gateway



- Interactives
- Videos
- Assessments
- Self-register
- Professional development courses
- Export to local LMS

Texas Gateway

Online Resources - Classroom

- TEKS-aligned
- Designed for general instruction, intervention, acceleration, and additional practice

Online Resources - Teachers

- Professional development courses
- Personalized collections of resources

The screenshot displays the Texas Gateway website interface. At the top, there is a navigation bar with a home icon and a search icon. Below this is a 'Featured Resources' section with a grid of resource cards. The cards include: 'ELA & READING: Strategies for Editing: Practice Lesson 1', 'SOCIAL STUDIES: Exploration and Colonization of America', 'MATH: OnTRACK Grade 7 Math: Proportionality', 'MATH: Determining the Effects of Proportional Change on Area', 'SCIENCE: Grades 3-4: Organisms and Environments Model Lesson', 'SOCIAL STUDIES: OnTRACK Grade 8 Social Studies: The Era of Exploration & Colonization of America', 'SCIENCE: Introduction to Plate Tectonics', 'SCIENCE: Energy and Matter in Cells', and 'ELA & READING: OnTRACK Grade 8 English: Writing'. Below the featured resources is a 'Featured Courses' section with a 'see all courses' link. The featured course is 'TEA Science Safety Training for High School', which is ongoing, offers 3 CPE credits, and is provided by Region 4 (101-950): Texas Education Service Center. There is an 'Enroll now' button for this course. To the right of the featured courses is a 'Sign up for our Newsletter' section with the text 'Be the first to learn about new content updates.' and a form with fields for 'Name' and 'Email Address', and a 'sign up' button.

Featured Resources < 1 of 2 >

- ELA & READING: Strategies for Editing: Practice Lesson 1
- SOCIAL STUDIES: Exploration and Colonization of America
- MATH: OnTRACK Grade 7 Math: Proportionality
- MATH: Determining the Effects of Proportional Change on Area
- SCIENCE: Grades 3-4: Organisms and Environments Model Lesson
- SOCIAL STUDIES: OnTRACK Grade 8 Social Studies: The Era of Exploration & Colonization of America
- SCIENCE: Introduction to Plate Tectonics
- SCIENCE: Energy and Matter in Cells
- ELA & READING: OnTRACK Grade 8 English: Writing

Featured Courses [see all courses](#)

- TEA Science Safety Training for High School**
Release date: Ongoing
CPE Credit: 3 credits
Provider: Region 4 (101-950): Texas Education Service Center
[Enroll now](#)

Sign up for our Newsletter
Be the first to learn about new content updates.

Name Email Address

[sign up](#)

Texas Gateway OnTRACK Lessons

TEKS-aligned supplementary lessons


- Grade 8 and English I, II, and III
- Grades 7 and 8, Algebra I and II, and Geometry
- Grade 8, Biology, Chemistry, and Physics
- Grade 8 and U.S. History

Available on the [Texas Gateway](#).

Information and support at txgateway@tea.texas.gov .



Home | View Resource: *Graphing Data to Demonstrate Relationships* BACK TO RESOURCE INDEX



RESOURCE ID: M7M2L1

Graphing Data to Demonstrate Relationships

By: IPSI

Series (5)

- 1. Introduction
- 2. Graphing Data
- 3. Scale Factors and Rates of Change
- 4. Interpreting Rates of Change from Graphs
- 5. Summary


1. Introduction

When you use mathematics to model real world situations, you will frequently encounter [rates of change](#).

Some rates of change are constant.

My gym membership costs me \$12 per month.

Number of Months	Total Cost
1	\$12
2	\$24
3	\$36
4	\$48



Texas Gateway Professional Development

The following courses are live at [Texas Courses](#):

- [ELPS Academy](#)
- [CTE 101](#), [Statistics and Risk Management](#), [Forensic Science](#), [Food Science](#), [Engineering Design and Problem Solving](#), [Engineering Mathematics](#), and Advanced Plant and Animal Science
- Science Safety Training for [High School](#), [Middle School](#), and [Elementary School](#)
- Texas Adolescent Literacy Academies, [Tier I](#) and [Tiers II & III](#)



Texas Gateway Professional Development

Other courses are scheduled to go live this summer. They include—

- Bloodborne Pathogens training,
- Science Academies for Grades K–4 and 5–8,
- Math TEKS for Grades K–8 and 9–12,
- additional ELPS courses, and
- additional CTE training.



Math and Reading Programs for Accelerated Instruction (Texas SUCCESS)

Online math and reading programs are available for the following grade levels and courses:

- ✓ **Istation:** Reading, grades 3–5 (English) and grade 3 (Spanish)
- ✓ **Compass Learning:** Reading, grades 6–8
- ✓ **Apex Learning:** English I and II
- ✓ **Think Through Math:** Math, grades 3–5, grades 6–8, and Algebra I



Math and Reading Programs for Accelerated Instruction (Texas SUCCESS)

- Contracts will continue for the 2016–2017 school year.
- To learn more about the products and how to get started, go to texassuccess.org.



PEIMS Update



PEIMSUpdate

ECHS Indicator Code

- A data element (ECHS-INDICATOR-CODE E1560) was added to the PEIMS data standards for the 2015-2016 school year.
- E1560 indicates whether a student is enrolled in a state-designed ECHS program.
- The data element will enable the identification of ECHS students within an LEA, regardless of the school type.



PEIMS Update

ECHS Indicator in PEIMS

The new element is collected on the 102 STUDENT DATA DEMOGRAPHIC record in the:

- Fall Submission (Submission 1),
- Summer Submission (Submission 3), and
- Extended Year Submission (Submission 4).

PEIMS Update

ECHS Indicator in PEIMS

The E1560 indicator should be activated for students who are:

- enrolled in an ECHS academy/campus in Grades 9-12
- receiving services provided through the ECHS program, including academic, social, and emotional support

The E1560 indicator is not limited to students who are enrolled in college courses.



Contact the Curriculum Division



Curriculum Listserv Bulletins

- AP/IB
- Bilingual/ESL Education
- Counselors in Schools
- English Language Arts & Reading
- Fine Arts
- Foster Care and Student Success
- Gifted/Talented Education
- Health and Physical Education
- Languages Other Than English
- Mathematics
- Science
- Social Studies
- Technology Applications
- To the Administrator Addressed

TEA Listserv Bulletins

Join TEA listserv bulletins for updates and announcements.

<https://public.govdelivery.com/accounts/TXTEA/subscriber/new>



Questions?

- By email at echs@tea.texas.gov
- By telephone at (512) 463-9581

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