

8th Grade

Mrs. Tomlin

http://ams.academyisd.net/apps/pages/index.jsp?uREC_ID=347725&type=u

Mrs. Simmons

http://ams.academyisd.net/apps/pages/index.jsp?uREC_ID=347721&type=u

Coach Randolph

http://ams.academyisd.net/apps/pages/index.jsp?uREC_ID=347717&type=u

Mrs. Ashcraft

http://ams.academyisd.net/apps/pages/index.jsp?uREC_ID=347689&type=u

math

(General idea of topics covered - Algebra I)

The Study of Functions

Algebraic Expressions and Equations

Linear Equations, Inequalities, and Applications

Investigating Linear Functions

Linear Functions and Applications

Systems of Linear Equations

Systems of Linear Equations and Applications

Exponents and Polynomial Operations

Quadratic Functions

Quadratic Equations and Applications

Cost Comparison Analysis

Tying It All Together

(General idea of topics covered - math)

Numerical Understanding: Rational Numbers

Numerical Operations: Rational Numbers

Measurement: Two- and Three- Dimensional

Probability

Proportionality: Representations and Applications

Transformations in the Coordinate Plane and Perspectives

Statistical Representations and Analysis

Making Connections

Algebraic Representations and Applications

Irrational Numbers and Pythagorean Theorem

Graphing Calculator Investigations

<http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111b.html#111.24> (math)

<http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111c.html#111.39> (Algebra I)

<https://www.khanacademy.org/math/cc-fourth-grade-math>

https://lms.thinkthroughmath.com/users/sign_in

www.studyisland.com

English Language Arts

(General idea of topics covered)

Analyzing Fiction and Drama

Creating Connections Across Literary Text

Creating Connections Across Informational Text

Analyzing Literary Nonfiction and Poetry

Analyzing Persuasive Text

Analyzing Informational Text

Creating Connections Across All Genres

Media Literacy

Producing Research

<http://ritter.tea.state.tx.us/rules/tac/chapter110/ch110b.html#110.20>

<http://isip.istation.com/Default.aspx?ReturnUrl=%2f>

www.studyisland.com

science

(General idea of topics covered)

Science Safety and Procedures

Atoms

Periodic Table

Chemical Formulas, Equations, and Reactions

Force and Motion

Newton's Laws

Forces that Change the Earth

Climatic Interactions

Earth Cycles

Light Years and Theories

Characteristics of the Universe

Interdependence Among Living Systems

Experimental Design

<http://ritter.tea.state.tx.us/rules/tac/chapter112/ch112b.html#112.20>

www.studyisland.com

social studies

(General idea of topics covered)

Exploration and Colonization

Celebrate Freedom Week

American Revolution

Writing the Constitution

More Perfect Union

Manifest Destiny

Industrialization: North and South Economies Develop

Reform and Culture

Sectionalism and Civil War

Early Republic

Age of Jackson

Reconstruction

Rights and Responsibilities

<http://ritter.tea.state.tx.us/rules/tac/chapter113/index.html>

www.studyisland.com