

## **Art**

- Drawing
- Ceramics
- Color

## **Family and Consumer Sciences**

- Kitchen and Food Safety
- Food Preparation
- Clothing Construction
- Reduce, Reuse, and Recycle

## **Technology Education**

- Measuring
- Formula Calculations
- Engineering Design Process
- Rocketry
- Computer Aided Design and 3D Printing

## **Guidance/Personal/Academic/ Career (GPAC):**

- Personal/Social Development
- Academic Development
- Career Development

*The mission of the Red Lion Area School District, in partnership with our communities, is to prepare all students to reach their greatest potential, thus becoming responsible and productive citizens.*

## **Music**

- Elements and Styles of Music
- Music History
- Yamaha Keyboard Lab

## **Library**

- Book Choice
- Genre Study
- Informational Literacy

## **Health**

- Nutrition
- Growth and Reproduction
- Body Systems
- Drugs

## **Physical Education**

- Fitness
- Manipulative Games
- Spatial Awareness
- Sportsmanship

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# **Red Lion Area School District**



8<sup>th</sup> Grade

Curriculum Brochure

*This guide includes intended topics of learning for students enrolled in the Red Lion Area School District. It is a general informational guide. The topics are not all-inclusive and will be supplemented based on students' evolving strengths and needs.*

# The Red Lion Area School District Curriculum Process

The Pennsylvania State Board of Education's academic standards serve as the foundation for Red Lion Area School District's curriculum. Teams of teachers and administrators determine what is necessary for students to know, understand, and do in order to demonstrate mastery of rigorous skills and strategies. Lessons are derived from the curriculum and are constantly refined by skilled educators to best meet the needs of their students. Developing curriculum in the Red Lion Area School District is a journey, not a destination. As such, the curriculum continues to evolve to meet the ever-changing needs of all learners.

## Math

### Pre-Algebra 2

- Tools for Algebra
- Integers
- Real Numbers
- Expressions and Equations
- Linear Functions and Graphing
- Systems of Equations
- Exponents
- Geometry

### Algebra 1A

- Tools for Algebra
- Solving/Writing/Graphing Linear and Absolute Value Equations
- Patterns and Functions
- Systems of Equations
- Geometry
- Exponential Operations

### Algebra AB

- All Topics Taught in Algebra 1A
- Writing and Graphing Linear Inequalities & Systems of Inequalities
- Radical Expressions and Operations
- Factoring and Simplifying Polynomials
- Probability and Statistics

## Science

- Scientific Inquiry
- Earth's Resources and Materials
- Weathering and Soil Formation
- Erosion
- Effects of Plate Tectonics
- Earth's History
- Fresh Water Systems
- Earth's Oceans
- Weather and Climate
- Composition and Structure of the Universe

## Social Studies

- The United States is Born
- The Government of the United States
- The United States Takes Shape
- The United States Grows
- The United States Expands
- The United States Divides



## English

- Analyzing Literature
- Analyzing Informational Text
- Literary Elements and Devices
- Argumentative Writing
- Informative Writing
- Narrative Writing
- Conducting Research
- Vocabulary Acquisition and Use
- Conventions of Standard English
- Speaking and Listening
- Digital Age Learning