

SPRING BRANCH ISD

**DIGITAL
BACKPACK**

MATH



High School Math Basic eLearning Guide – WEEK 5

Algebra Basic

Math: [Data Analysis](#)

- Students will be able to identify the transformations of a quadratic function

Geometry Basic

Math: [Geometry and Measurement](#)

- Students will find the Surface Area of Pyramids and Cones

MMA Basic

MMA: [Personal Financial Planning](#)

- Make responsible financial decisions based on real-life situations

Resources

- Download: [Student Accessibility Supports](#)
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Algebra 1 Basic - MATH

Objectives

- Students will be able to identify the transformations of a quadratic function.

For Parents

- Have your student complete the tasks below.
- Have your student watch the videos to help them complete the tasks.

For Students

- **Task 1:** Read Transformation of Quadratic Notes
- **Task 2:** Video Transformation of Quadratics
- **Task 3:** Check for Understanding for Quadratic Functions ([answer key](#))
- **Task 4:** Matching Activity Quadratic Formula Transformation ([answer key](#))

Resources

- Download: [Student Accessibility Supports](#)

Geometry Basic - MATH

Objectives

- Students will find the surface area of pyramids and cones.

For Parents

- Your student will review Geometry and Measurement Topics
- Have your student complete the tasks below.
- Have your student watch videos if they do not remember how to do the topic.

For Students

Surface Area

- **Task 1:** – VIDEO Surface Area of Pyramids and Cones
- **Task 2:** – Review Surface Area of Pyramids and Cones Notes
- **Task 3:** IXL Surface Area of Cones (open to all students for 10 questions)
- **Task 4:** IXL Surface Area of Pyramids (open to all students for 10 questions)
- **Task 5:** IXL Surface Area of Pyramids and Cones (open to all students for 10 questions)

Resources

- Download: [Student Accessibility Supports](#)

MMA Basic – MATH

Objectives

- Students will read about responsible financial behaviors and match these behaviors with given situations.
- Students will be able to evaluate various financial situations and make financial decisions.

For Parents

- Your students are presented with real-life situations in which young people have to make important decisions about their future.

For Students

Financially Responsible Decision

- **Task 1 Review Last week's notes (page 2)** Responsible Financial Behavior
- **Task 2:** Budget Scenarios 1 ([answer key](#))
- **Task 3:** Budget Scenarios 2 ([answer key](#))
- **Task 4:** Budget Scenarios 3 ([answer key](#))

Resources

- [Unemployment rates and earnings by educational attainment](#)
- [Family Budget](#)
- Download: [Student Accessibility Supports](#)