

SPRING BRANCH ISD

**DIGITAL
BACKPACK**

MATH



Middle School Math Basic

Grade 6 Basic Overview – Week 6

Math: [Data Analysis](#)

- Students will create and understand different characteristics of box plots

Grade 7 Basic Overview – Week 6

Math7: [Dot Plots and Box Plots](#)

- Students will compare dot plots.
- Students will compare box plots.

Grade 8 Basic Overview – Week 6

Math 8: [Personal Finance](#)

- Students will learn the importance of saving money and saving options.
- Students will learn about simple and compound interest.
- Students will describe the basic purpose of financial institutions.

Grade 6 - MATH

Objectives

- Students will create and understand different characteristics of box plots.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

For Parents

- Your students will be learning about measures of center within box plots.
- Have your student complete the tasks below.
- Have your student watch the videos to help them complete the tasks

For Students

Box Plots

- **Task 1:** Watch the video "Intro Box Plots"
- **Task 2:** Box Plots Notes
- **Task 3:** Examples of How to Make a Box Plot
- **Task 4:** Interpret Box Plots IXL
- **Task 5:** Box Plots – Practice and Problem Solving (**Answer Key**)

Resources

- **Download:** [Student Accessibility Supports](#)

Grade 7 - MATH

Objectives

- Students will be able to compare dot plots.
- Students will be able to compare box plots.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

For Parents

- Your student is comparing dot plots and box plots.
- Have your student watch complete the tasks below

For Students

Dot Plots

- **Task 1:** Review [Mean, Median, Mode, Range Note Cards](#)
- Watch the video [“Dot Plots”](#)
- **Task 2:** Comparing Data Displayed in Dot Plots ([Answer Key](#))
- **Task 3:** Comparing Dot Plots ([Answer Key](#))

Box Plots

- Watch the video [“Intro Box Plots”](#)
- **Task 4:** Box plots Notes
- **Task 5:** Comparing Data Displayed in Box Plots ([Answer Key](#))

Resources

- **IXL Practice:** [Dot Plots: Mean, Median, Mode, Range](#)
- **IXL Practice:** [Box Plots](#)
- **Download:** [Student Accessibility Supports](#)

Grade 8 - MATH

Objectives

- Students will learn the importance of saving money and saving options.
- Students will learn about simple interest and compound interest.
- Students will describe the basic purpose of financial institutions.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

For Parents

- Your student is exploring a range of topics from saving, interest, and financial institutions.
- Have your student complete the tasks below.

For Students

Saving Money

- **Task 1:** View the "Savings Options" PowerPoint
- **Task 2:** Complete the "Saving is Not Just Child's Play" activity [answer key](#)
- **Task 3:** View Brainpop Interest
- **Task 4:** Complete Quiz on Brainpop
- **Notes on Simple and Compound Interest**
- **Task 5:** View Calculating Simple Interest
- **Task 6:** Simple Interest ([Answer Key](#))

Resources

- If you can access your campus math adaptive software, please do!
- **Activity :** Read the directions and play "Smart Cash"
- **Activity :** Complete the "Smart Cash" reflection
- **IXL Practice:** Simple Interest
- **Download:** [Student Accessibility Supports](#)