

**Middle School Math Outreach Learning**  
**Apr 14-Apr 16, 2020**

*8<sup>th</sup> Grade Math*

If there are any questions,  
please feel free to email me/us  
at:

[ruizsa@lpisd.org](mailto:ruizsa@lpisd.org)

Please access your class  
conversations in our TEAMS  
folder on your computer.

Previous Lessons:  
Two-Step Equations

Mrs. Ruiz – Remind 101

Text "ruiz130" to 81010

Make sure to reach out to me for help  
with accessing the assignments or  
coaching you through the math! I'm  
here to help M-Th!!!

**Objectives**

Objective / I Can:

- I can find Interest given the Interest formula,  $I = PRT$
- I can use the interest formula to solve for PR or T

## Activities

### Week 4: Simple Interest

#### Lesson 1 – Solving for I

- [Video Lesson](#) - If you have access to a printer, you can print page 2. If not, you can follow along on a piece of notebook paper.
- **Forms Homework (FOR GRADE)**  
When you click on your class link, you may be prompted to login to your student e-mail. You will only have one attempt to complete this form so take your time!

[4<sup>th</sup> period assignment 1](#)

#### Lesson 2 – Solving for prt

- [Video Lesson](#)
- **Quizizz (FOR GRADE)**  
When starting your game, make sure that you are using your first and last name. Any participants without names will NOT be counted. If you are not pleased with your grade, you may try one more time. *Your grade will be the average of your first two attempts.*

**4th period Quizizz Code: 568891**

#### Need more help this week? Try these resources:

- [Extra Video Lesson](#)
- [BrainPop Video](#) (Username: LPISDMATH Password: mathisfun2020)
- [GetMoreMath](#) Practice Set



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*If you have access to a printer, you can print this page to accompany lesson 1 video notes.  
If not, you can follow along on a piece of notebook paper.*

**What is interest?**

**Formula for Simple Interest:**

Principal = \$500 Rate = 5% Time = 5 years	Julia deposited \$1,000 into a savings account with a simple interest rate of 7%. How much interest will she have gained over 12 years?	Raymond deposited \$250 into a simple interest account with a rate of 6.5%. How much interest will be accrued over 25 years?	Lauren owes \$500 on her credit card with a simple interest rate of 26%. If she doesn't make a payment for 6 years, then how much interest will she have to pay in addition to the original amount?
I =	I =	I =	I =

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**Academic/Instructional Support**

Schedule:

Students should begin work on Tuesday, 4/14 and should be completed no later than Monday, 4/20 at 8 a.m.



\* We are transitioning to a 4-day workweek. Math will be completed on Tuesdays with any work not completed to be worked on Thursday. If you are requiring help with your assignments, please get started early so you can get the help you need.

Office Hours

Wednesday 1-3 but available by email during regular business hours.

**To Be Graded**

Assignment for students to submit:

**Part 1** - The students will complete **Microsoft Form**. All questions on the form are required to be answered before submission. Incomplete submissions will not be accepted.

**Part 2** - The students will submit their **Quizizz** with their comple. You may take it more than once and the average of the first two attempts will be recorded.

When is it due? All assignments are due no later than Monday, Apr 20th at 8 a.m.

All assignments are to be submitted electronically, except by individual arrangement.