JUNIOR HIGH SUMMER MATH

choice board

Complete and shade at least 10 of these squares over the summer to fulfill the summer math challenge!

Watch a math focused movie (i.e. Hidden Figures)	Estimate and count how many steps to get to 5 different places	Go for a walk and find a rectangular prism, pyramid, cylinder, and sphere	Find the square footage of your bedroom using a tape measure or meter stick	Learn 10 ALEKS topics
Do 5 Sudoku puzzles	Estimate the time to walk or run a mile and then time yourself	Find a good math app and work on it for an hour	Complete 5 math workbook pages	Find a new dessert recipe and bake it measuring each of the ingredients in the recipe
Research a female in STEM and her contribitions to math	Calculate the average daily high temperature over the course of a week	Pick a date and look at the high temperatures for the last 20 years and then graph the data on a line plot	Complete an ALEKS knowledge check	Create a tessellation
Work on your ALEKS path for an hour	Help a sibling with their summer math challenge	Learn 10 ALEKS topics	Shoot 25 free throws and calculate your shooting percentage	Go to the store with a parent and estimate the total cost of the grocery bill
Learn a magic trick involving numbers or cards and try it out on someone until it is successful	Use shadow reckoning to determine the height of and object you can't measure directly (like a flag pole)	Do Khan Academy exercises for an hour	Play a strategy game with your family	Complete a puzzle with at least 250 pieces

Junior High Summer Math Challenge

Join our summer math challenge designed just for junior high students! It's an awesome opportunity to keep your mind active during the break while boosting your math skills. This fun and interactive choice board includes a variety of different explorations of math in the real world and lots of ways to build your skills!

How to complete the challenge:

- Complete any of the 10 boxes on the choice board on the back.
- When you complete a box, color it in.
- Optional: Email Mrs. Heuer pictures or upates over the summer. Or you can include them when you turn this in!
- **Due date:** Friday, September 5th.

I verify that I completed the 10+ boxes colored on the back.

Student Signature: _____

Parent Signature: _____

Student Class in Fall: _____

Please indicate if your student needs a gluten-free, dairy-free , vegan or nut-free doughnut.

_____

If you complete the challenge, there will be a celebration at school on Friday, September 12th, with doughnuts and prizes. We hope you enjoy the variety of ways you can see math in the real world!