

6th Grade Highly Gifted Math

Ms. Kasey Hart

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Required Supplies

- PURPLE TCU FOLDER
- Red MATH FOLDER
- MATH NOTEBOOK
- LAPTOP & CHARGER
- HEADPHONES/EAR BUDS
- PENCIL BAG WITH THE FOLLOWING:
• COLORED PENCILS, SCISSORS, GLUE STICK,
AND SHARPENED PENCILS W/ ERASER
- YOU MIGHT WANT A JACKET/SWEATER
(THIS CLASSROOM GETS COLD)

Grading

DAILY GRADES 60%
(WARM-UPS, CLASSWORK,
QUIZZES, ALEKS, HOMEWORK)

MAJOR GRADES 40%
(UNIT TESTS, COMMON
ASSESSMENTS, PROJECTS)

Grade Breakdown

A	90 - 100%
B	80 - 89%
C	70 - 79%
F	69% and below

Important Information

NO WORK/PROOF/JUSTIFICATION = NO CREDIT
STUDENT MUST SHOW ALL WORK TO RECEIVE CREDIT.

IN THIS CLASS, STUDENTS WILL CORRECT ALL
ASSIGNMENTS. WE WILL THINK LIKE MATHEMATICIANS AND
ANALYZE AND LEARN FROM OUR PREVIOUS MISTAKES.



Communication with the Teacher

- 1) STUDENTS MESSAGE TEACHER ON CANVAS.
- 2) PARENTS EMAIL TEACHER @ hartkn@pearlandisd.org.
- 3) TEXT ALERTS/RECORD APP: TEXT @hartHGmath TO 81010 TO JOIN!

Schedule Info

MORNING TUTORIALS:
TUESDAYS & THURSDAYS
8:00 - 8:30 AM

CONFERENCE:
9:10 - 9:55 AM

LUNCH:
12:50 - 1:20 PM



What math skills will we learn?

Term 1

Rational Number Operations
Real Number Relationships
Compare and Order Real Numbers
Irrational Numbers
Square Roots
Scientific Notation
Solving, Writing, & Modeling Equations and Inequalities
Ratios, Unit Rates, Rates of Change, and Slope
Customary and Metric Conversions
Proportional and Non-Proportional Relationships
Linear Relationships
Constant of Proportionality
Direct Variation
Solving Systems of Equations by Graphing

Term 2

Bivariate Sets of Data
Scatterplots and Trend Lines
Mean Absolute Deviation
Identify, Represent, Describe, and Compare Functions
Translations, Rotations, & Reflections
Dilations
Congruency
Similarity
Scale Factor and Scale Drawings
Parallel Lines Cut by a Transversal
Angle Relationships
Sum of Angles of a Triangle

Term 3

Simple and Compound Events
Experimental and Theoretical Probability
Qualitative and Quantitative Predictions
Sample Spaces and Tree Diagrams
Circumference and Area of Circles
Perimeter and Area of Composite Figures
Pythagorean Theorem
Volume of Cylinders, Cones, & Spheres
Lateral and Total Surface Area of Prisms & Cylinders

Term 4

Analyzing Categorical Data
Populations and Samples
Percent Change
Sales and Income Tax
Simple and Compound Interest
Incentives, Sales, Rebates, and Coupons
Personal Budgets and Savings
Investments for College and Retirement
Repaying a Loan
Payment Methods
Financial Assets and Liabilities
Estimate Cost of College

*I have to hand it to math as she always continues to evade me.
The more I learn, I feel the thirst to learn more.*

VIJAY KRISHNAN