

# Customized Learning

## We prepare students by offering:

- Everyday Mathematics Grades K—5 and the Connected Math Program for Grade 6
- Real life experiences through Math Explorations and game play
- Title I Math program
- Flexible grouping based on student needs
- Study Island
- Collaborative learning environment
- Multiple enrichment opportunities such as hands-on equations and Calc-U-Solve
- On-going assessments to evaluate student learning



"If I have 3 bones and Mr. Jones takes away 2, how many fingers will he have left?"

## Spotlight on Technology

Easy access to online activities at home and at school

Student computer programs like Study Island and Aleks

Daily access to iPads, classroom computers, Smartboards, document cameras



*The mission of the Riverview School District is to provide an excellent education within the framework of a small, diverse community. We emphasize high quality academic and vocational programs in an environment which sets high expectations for all students, promotes personal growth and fosters the development of responsible and productive citizens.*

A non-traditional public school district offering small student to teacher ratios, individualized learning, and a 21st century education through:

- Personal Attention
- Small Class Sizes
- Caring Educators
- Interdisciplinary Learning Opportunities K-12
- A Wide Variety of Award Winning Extracurricular Activities

## Building Futures Since 1971

Riverview School District  
701 Tenth Street Oakmont, PA 15139  
412.828.1800 Opt 9 [www.rsd.k12.pa.us](http://www.rsd.k12.pa.us)



Elementary (K-6th Grade)

# MATHEMATICS



Researched-based curriculum created by University of Chicago School of Mathematics Project

Supported by the National Science and Math Foundation

Used by 4.3 million students and 220,000 classrooms



# Riverview School District

Situated on the Allegheny River and serving Oakmont and Verona, PA

# Riverview School District

Embracing Each Student's Potential

## K-6 Content

- Number and Numeration
  - Understanding the meaning, uses, and representations of numbers
- Operations and Computation
  - Compute accurately
- Data and Chance
  - Select and create appropriate graphical representations of collected or given data
- Measurement and Reference Frames
  - Understand the systems and processes of measurement; use appropriate techniques, tools, units, and formulas in making measurements
- Geometry
  - Investigate characteristics and properties of 2 and 3 dimensional shapes
- Patterns, Functions, and Algebra
  - Understand patterns and functions
- Connected Mathematics 6
  - Prime Time - factors and multiples
- Bits and Pieces I, II, and III - fractions, decimals and percents
  - Shapes and Designs - shapes and angles
- Covering and Surrounding - area and perimeter
  - How Likely Is It? - probability and statistics

## Project-Based Learning

- Math Outdoors
- 100th Day of School Activities
- Locker Problem Challenge
- Geometric Shape Activity
- Park Project
- Pumpkin Math
- Illusions
- City of Angles
- Million Dollar Project
- Working with the Chinese Calendar
- Snowflake Symmetry
- Time Capsule Predictions
- Watermelon Feast and Seed Spitting Contest



## DID YOU KNOW...

- Riverview math students consistently earn AYP (Adequate Yearly Progress) status on the PSSA math tests.
- Low student to teacher ratio.
- Ongoing teacher professional development in the Everyday Math Program.
- Students can access math related sites directly from the district website.

