

FASHIONABLY SMART



Get ready to enter the GRM Design Studio! Budding fashionistas will use decimals, fractions, percents, multiplication and division skills as they create designs for their first fashion portfolio. Girls will make hair accessories, find out how far they can fling a Barbie, and learn to draw human proportions—all using math! No GRM fashion camp would be complete without talking about body image. We will discuss what it means to be healthy and strong while breaking down fashion stereotypes.

grades 4-6

Our camps for fourth to sixth graders align with the Common Core State Standards and cover topics and skills introduced and covered in 4th, 5th, and preview material covered in 6th grade. These camps also give campers opportunities to explore complex mathematical concepts not often included in elementary math curriculum.

Common Core Standards:

- CCSS.MATH.PRACTICE.MP1 Make sense of problems and persevere in solving them.
- CCSS.MATH.PRACTICE.MP2 Reason abstractly and quantitatively.
- CCSS.MATH.PRACTICE.MP3 Construct viable arguments and critique the reasoning of others.
- CCSS.MATH.PRACTICE.MP4 Model with mathematics.
- CCSS.MATH.PRACTICE.MP5 Use appropriate tools strategically.
- CCSS.MATH.PRACTICE.MP6 Attend to precision.
- CCSS.MATH.PRACTICE.MP7 Look for and make use of structure.
- CCSS.MATH.PRACTICE.MP8 Look for and express regularity in repeated reasoning.

Math Skills in Fashionably Smart:

- Adding and subtracting fractions
- Combinations and Permutations
- Comparing decimals, fractions and percentages
- Comparing distances
- Comparing fractions
- Conversion problems
- Data Collection and analysis
- Deductive thinking problems
- Equivalent fractions
- Factors and multiples
- Finding averages
- Generating and analyzing patterns (algebraic thinking)
- Metric Measurement
- Multiplication of multi-digit numbers
- Multiplying and dividing fractions
- Negative Numbers & solving addition & subtraction problems with integers
- Probability
- Ratio and proportion
- Strategic Problem Solving
- Visual Spatial Problem Solving
- Work with equations involving addition, subtraction, multiplication and division
- Working with percentages
- Campers also do a physics activity!

