

# Crafty Math



Glue, glitter, gems, and geometry! Creativity and computation! This camp will have your young girl exploring a variety of math concepts and topics, all while getting messy with math (and crafts!) From fraction face self-portraits to measurement bracelets, campers will be making math into art with every twist of the glue stick and splash of paint. Girls Rock Math knows how to make math meaningful with this crafty camp!



Our second and third grade camps review material taught in First and Second Grade and preview material covered in Third Grade. All of our math activities align with the Common Core State Standards.

## 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 Crafty Math:

- Area and Perimeter
- Comparing numbers
- Even and Odd Numbers and patterns in the number line
- Exploring algebraic patterns (patterns, functions, attributes)
- Exploring Pi, measuring circles
- Fractions ( $1/2$ ,  $1/4$ ,  $1/8$ ,  $1/16$ )
- Geometry: Properties of 3-D Shapes and Tessellations
- Measuring Length and Width
- Mirror Symmetry
- Multiplication Skills
- Place Value
- Reasoning with shapes and their attributes
- Representing and Interpreting Data
- Strategic Problem Solving
- Visual Spatial Problem Solving
- Work with equations involving addition, subtraction, multiplication and division
- Working with Money (coins)

