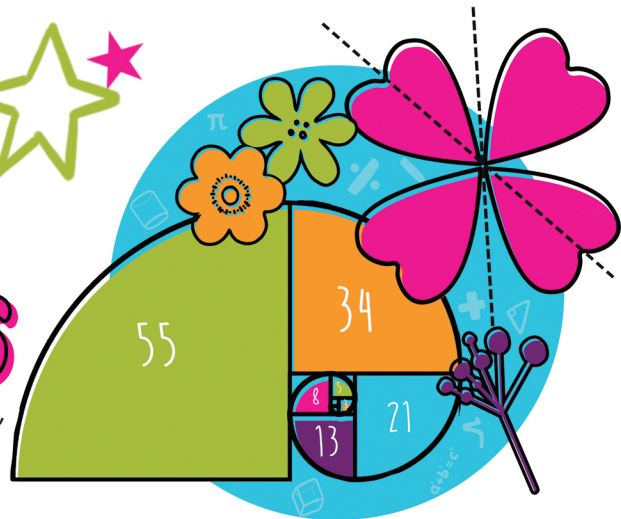


Flower Powers



Nope, we're not going back in time to the 1960's, we're exploring groovy math and art through flowery fun. Campers will find inspiration in nature as solve problems involving the fabulous Fibonacci sequence (often found in flower petals) to creating fraction flowers and symmetry flower designs. Campers will design their own flowery headbands, play with probability, see patterns in shape and symmetry, and more!



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 Flower Powers:

- Adding Fractions
- Combinations and Permutations
- Exploring algebraic patterns (patterns, functions, attributes)
- Exploring Pi, measuring circles
- Finding the area of irregular shapes
- Identifying Fractions (1/2, 1/4, 1/8)
- Measuring length and width
- Mental Math
- Mirror Symmetry
- Multiplication Skills
- Probability
- Radial Symmetry
- 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 (dollars and coins)
- Campers also dissect a flower and learn about the parts of a flower and their functions

