

# ALICE IN NUMBERLAND



Take a trip down the rabbit hole and visit Alice's Numberland. We'll meet the white rabbit who is always late (and practice telling time), solve the riddles of the Mad Hatter, grow and shrink (while doing lots of measurement activities) and explore decks of cards (with games and puzzles) with the Queen of Hearts. This fun-filled week of stories and fantasy will have your camper painting the roses red!

grades  
1-2

Our first and second grade camps review material taught in Kindergarten and First Grade and preview material covered in Second 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 Alice in Numberland:

- Work with addition and subtraction equations
- Roman Numerals
- Telling Time
- Combinations and Permutations
- Representing and Interpreting Data
- Measuring length
- Exploring algebraic patterns (patterns, functions, attributes)
- Skip Counting by 2's, 5's and 10's
- Work with groups to gain foundations for multiplication
- Working with Fractions (1/2, 1/4, 1/8)
- Reasoning with shapes and their attributes
- Finding Area of Squares and Rectangles
- Working with Money (coins)
- Mirror Symmetry
- Logic

