**Target Audience:** Grades K-5

**Description:** “Primarily Logic” focuses on several different aspects of critical thinking and problem solving. Youth will use various components of logic to solve puzzles both on paper and in large group activities.

**Format:** Each of these sessions (including the Challenge! Activities) can be presented in one class period from 45-60 minutes.

**Session 1:** Finding Relationships
Youth will be able to define and learn how to identify different kinds of relationships between objects, words, and pictures.

**Session 2:** Analogies
Youth will define the word “analogy” as well as work on various introductory analogy puzzles.

**Session 3:** Deductive Reasoning
Youth will be able to conclude what belongs and what does not belong within a puzzle, while also learning how to work as a group to create a card castle.

**Session 4:** Critical Analysis & Problem Solving
Youth will create a “Connect the Dots” picture using only their imagination and a partner’s page of dots. Youth will also work on critical thinking skills by trying to solve various activity sheets.

**Session 5:** Group Solutions
Youth will spend the entire activity in groups, working together to put together a puzzle, read clues carefully to figure out what picture they are looking for, and to form lines of bears according to the instructions given.

**Session 6:** Sudoku
Youth will be challenged to solve Easy, Medium and Hard Sudoku puzzles, in an effort to master critical thinking and logic skills.

“Primarily Logic” curriculum and activity kit can be borrowed for one month.