

*What Do You Find? Students Investigating Patterns in Pascal's Triangle*  
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*In this paper, students used problem-solving skills to investigate what patterns exist in the Pascal triangle and incorporated technology using Geometer's Sketchpad (GSP) in the process. Students came up with patterns such as natural numbers, triangular numbers, and Fibonacci numbers. Although the patterns inherent in Pascal's triangle may seem obvious to mathematics instructors, the students in this situation had a difficult time finding them.*

*Problem solving is often noted to be one of the most important parts of mathematics learning, "however, solving problems is not only a goal of learning mathematics but also a major means of doing so". Teaching problem solving should involve emphasis on the method being employed other than just solving a problem to find a specific answer.*