

Publication

In February, Dr. Jim Carrier from our Computer Science department will publish a paper in the internationally recognized peer-reviewed journal entitled *School Science and Mathematics*. This article represents ten years of cutting-edge research pertaining to the identification of student cognitive strategies. The official Journal of the School Science and Mathematics Association only accepts fifteen percent of the articles presented and to be accepted for this publication is truly an honorary achievement.

In short, the paper summarizes ways for teachers to quickly identify successful behaviors in students so that such behaviors can be quickly rewarded, thus changing the way students and teachers interact. When Dr. Carrier presented his work at Ohio State University and at the National Meeting of the Research Council on Mathematics Learning, his work was quoted as being monumental in changing the way mathematics and computer science will be delivered to classroom students.

Jim has earned his way to full professor in the ten years he has been at GTCC. He enjoys helping students understand the foundations of programming and logic and has taught Introduction to Programming and Logic throughout his tenure.

The title of the article is *Student Strategies Suggesting Emergence of Mental Structures Supporting Logical and Abstract Thinking: Multiplicative Reasoning* and the link to the article can be found here: <http://www.carriereducation.com/downloads1/Other3/JournalArticle3.pdf> .