

## **ABSTRACT**

This qualitative research study examined the effects of writing in math and science classes. The science participants were a class of 17 fifth grade students. The math participants were a class of 19 fifth grade students. These math and science students participated in a variety of writing activities during class.

This study suggests that writing in math and science classes has many benefits for fifth grade students. Writing promotes student interest, creativity, and motivation. Writing in math and science classes increases students' understanding of the concepts and positively affects quiz and test scores. Student interaction increases as students continue to explain their ideas through writing, and these interactions show concrete understanding. Math and science writing shows students' misunderstandings and enables the teacher to **reteach** these necessary concepts.