

## CWSF 2013 - Lethbridge, Alberta



### Kelsey Hintze, Kasey Jans

#### The Effects of Music on Grade Five Students

**Challenge:** Discovery

**Category:** Senior

**Region:** Saskatchewan Chinook

**City:** Elrose, SK

**School:** Elrose Composite School

**Abstract:** This project addresses the effect of four genres of music on mathematical performance. The tests are solely focused on a group of ten grade five and six students of varying ability and gender. The results helped prove that music can be a beneficial contributor to academic success. We were shocked to learn that only one in the ten children performed the best in silent conditions.

#### Biographies

**Kelsey** - I currently attend Elrose Composite School and I am in my second semester of grade eleven. I am a competitive cheerleader on the Elrose Cheer Spirit All-star team, and I spend many hours practicing with my team. My other passion is music. I am taking my grade seven level piano, and have completed my first and second level of music theory. That is where the idea for the project came along. I wanted to see if the music I love was helping me in my school work, or if it was hurting my academic performance. We performed all the tests on grade five students, but next year I would like to see what results I would get from similar tests on older stud...

**Kasey** - I am Kasey Jans, I am 17 years old. I attend Elrose Composite school and am in grade 12. Next year I am planning on going to the lethbridge community collage to become a registered massage thereapist. In my spare time I am in the schools drama club, as an actress, I love to sketch animals and nature, and I ride horses. My science fair partner, Kelsey Hintze, and I also love music. we choose to do our project on music because of our shared interest. We were planning on testing a larger age group of children to expand on our data. If I were to give advice to other students I would tell them not to leave everything to the last minute, and to kee...

Youth Science Canada  
PO Box 297  
Pickering ON L1V 2R4  
[www.youthscience.ca](http://www.youthscience.ca) / [info@youthscience.ca](mailto:info@youthscience.ca)  
416-341-0040