

## CWSF 2011 - Toronto, Ontario



### Ream Elbadri, Emma Jennings

#### Magnetic fields: Tools for Healing or Health Hazards?

**Challenge:** Health

**Category:** Senior

**Region:** Bay Area

**City:** brantford, ON, Brantford, ON

**School:** North Park Collegiate & Vocational

**Abstract:** The purpose of this experiment was to determine the effect of different magnetic field strengths (high, medium, low) on the regeneration of *Dugesia tigrina planaria*. Photographs were taken of the planaria and analyzed to compare regeneration in the different groups for each day of the seven day trial. The overall health of the planaria in each group was also observed.

#### Biographies

Ream - I am a very hardworking and conscientious student, achieving high grades each year. I have received the honour roll award each year in high school for maintaining a high average. At school I have always been very active by participating in many different activities and clubs. Some of these clubs and the positions I hold in each are; Green it Up Group- project coordinator, United Nations Interact Club- Secretary, OSAID Club (Ontario Students Against Impaired Driving) ? president, Student Voice Group- member. Some of the extracurricular activities I have participated in are, volunteering at homeless dinners, The International Villages Festiva...

Emma - I am a grade 12 student. I am involved in the UN/Interact club and am a member of Anti-Bullying at my high school. I have been on the honour roll each year of high school and have recieved awards in English and World History. I hope to go to the University of Waterloo next year to study anthropology and archaeology. My passion for ancient history and archaeology stems from a program I saw on Ancient Egyptian culture and mummification practices when I was six years old. When I am not busy doing homework, I can usually be found reading classic novels, watching the Discovery or History Channel, or at the mall.

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