

## CWSF 2005 - Vancouver, British Columbia



### Grant Fredericks, Mark Taylor

#### Flywall 2

**Division:** Earth & Environmental Sciences

**Category:** Intermediate

**Region:** Alberta Central East

**City:** Hanna, AB

**School:** J.C. Charyk Hanna School

**Abstract:** Our project investigates the potential of using fly ash, which usually ends up in a disposal site, to create a similar product to drywall. We mixed fly ash with various amounts of Plaster of Paris and sodium bicarbonate with water and applied 3 tonnes of pressure using a press we designed and welded ourselves.