

## CWSF 2005 - Vancouver, British Columbia



### David Martin

#### Medieval Siege Weapon

**Division:** Engineering & Computing Sciences

**Category:** Junior

**Region:** Peace Country

**City:** Rainbow Lake , AB

**School:** Rainbow Lake School

**Abstract:** After building a trebuchet, I experimented to find out what caused it to fire the projectile the furthest. I examined mass and position of the counterweight and position and tautness of the sling. Each variable affected the arc of the projectile and the distance it flew.