**Project: Make a Water Turbine or Dam**

**Guidelines:**

* **1-4 people per group**
* **Steps:**
  + Research – what are you going to build? How should it be built?
  + Design – Create a blueprint with dimensions, materials, etc.
  + Construction – Build it!
  + Application – test your final product
* Must be able to properly rotate water (turbine) or block water (damn)
* **Grade:**
  + Participation – 50% - working well and studiously
  + Product – 40% - designing, making, and testing your product
  + Efficiency – 10% - did your project work?
* Extra effort can earn extra credit!
* This is a major assignment and can give a major cushion to your grade.

**Testing Date** – 2/13 (6th period) or 2/14 (3rd period)

* Must be completed and ready to test by this date!

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