



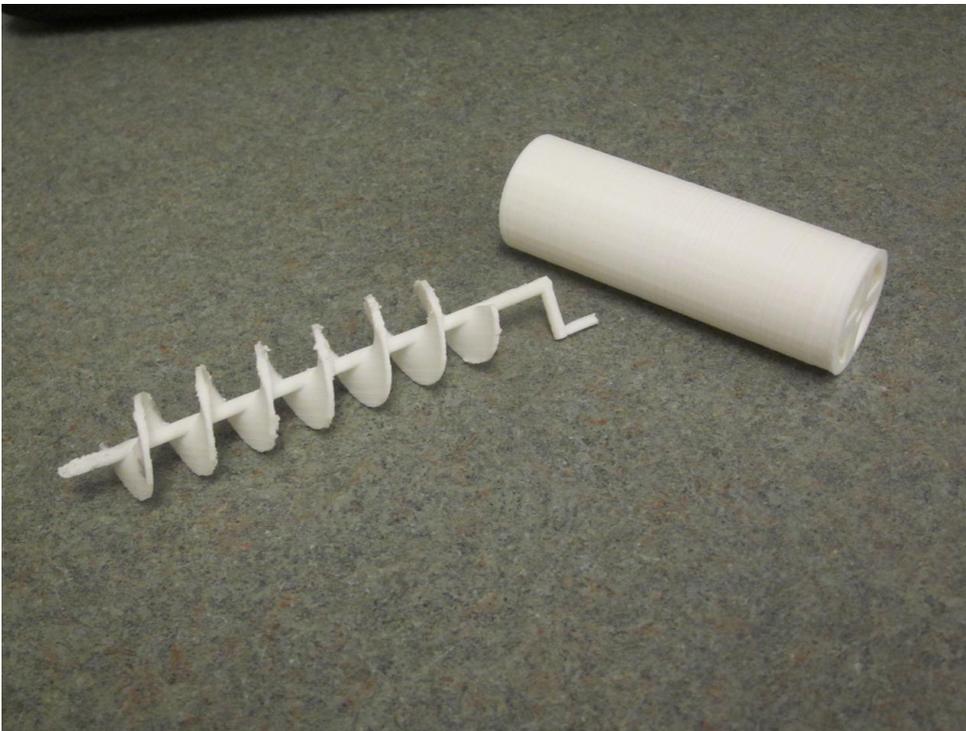
Libraries are for making..... Submission Template

Submission Guidelines:

1. Only one project per library may be submitted for this challenge.
2. Insert a picture of the creation **in .jpg format**, or include the URL if it is a video or can be seen online. (If you need help, call us!)
3. Size the picture to approximately 4-5 inches in height to keep your submission on one page if possible.
4. Fill in the project information below and
5. Save this document in **.pdf format** and email the file to [Erica](#) or [Sue](#) by the April 6, 2015 deadline.

Project Information:

- Library Name: Jerome Public Library
- Library Contact: Alison Morgan
- A short description about the creation. What media, computer program, or design method was used:
Silus used Tinkercad to design his Archimedes' Water Pump. It was then ran through Netfabb, Sli3er, and Pronterface and printed on the library's 3-D printer.



Archimedes' screw, also called the Archimedean screw or screw pump, is a machine historically used for transferring water from a low-lying body of water into irrigation ditches. Water is pumped by turning a screw-shaped surface inside a hollow pipe.