Cotton Ball Launcher Activity

**Objective:** Create an instrument that can launch paint dipped cotton balls with both accuracy and precision at a target that is at least 1 meter away.

Materials:

* paint
* cotton balls
* straws
* plastic spoons
* rubber bands
* tape
* cardboard

On a paper you must record the following:

* a schematic drawing of your instrument (with dimensions in metric units)
* your hypothesis w/ possible sources of error that you may encounter
* problems that you occurred while designing/building
* a graph with the number of trials (must have at least 6) and resulting data
* sources of error that you encountered (distinguish what type of error it was)
* ways to resolve the sources of error you encountered

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| Trial # | # of cm from target center | Precise or Accurate | Source of Error (if applicable) |
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