

JESUS HELPS ME WITH... ENCOURAGEMENT

Make Your Own 'Rube Goldberg' Machine

Calling all inventors, engineers, and imagineers, make your own Rube Goldberg machine at home! But beware, there's lot of stops and starts, tries and fails, and discouragements!

As a class or family, come up with plan to build a machine that does a simple task in a complicated way. Depending on the age of your kids you may want to assemble toys of different kinds with varying degrees of complexity. Some ideal toys are listed below.

While a fun exercise in its own right, remember to **encourage one another** throughout the building and experimenting process. After some very hard work, sit back and watch your machine do your simple task for you - whew what a time saver!

Toy Ideas for Younger Kids:

- Dominos
- Train tracks
- Wood or plastic blocks
- Marbles and Marble Runs
- Slides

Toy/Supply Ideas for Older Kids

- String
- Weights and Counterweights
- Levers and Fulcrums
- Interlocking blocks
- Pipes
- Magnets
- Cups
- Ball bearings
- Wheels

Helpful Hints:

1. Take it one section at a time (or split into groups each to a section)
2. Use as many normal everyday objects as possible
3. Start with the end in mind (or even work backwards beginning with your simple task)
4. Rolling objects work best



We would love to see what you've made - send us a picture of your machine via email or Facebook! Visit Faithville.com for contact info.