

9. CHAIN REACTION



Type of Challenge:

This is an Individual or Patrol Challenge. Each member of your Patrol must complete this challenge and you must submit a video of each machine in action.

Resources Required:

- Anything you have at your house
 - Planks of wood
 - Dominoes
 - Rope/ string/ ribbon
 - Balls/ Marbles/ tennis balls
 - Anything around you that can create momentum

Challenge Description:

A Rube Goldberg machine is a chain reaction-type machine or contraption intentionally designed to perform a simple task in an indirect and overly complicated way. Usually, these machines consist of a series of simple unrelated devices; the action of each triggers the initiation of the next, eventually resulting in achieving a stated goal. For example, the final goal is to push a matchbox car into plastic bottle knocking it over.

The idea is to be creative. You can build the machine as individuals but film it as a continuing chain reaction.

Evidence Submission:

To complete this challenge, you need to collect from each member, a video of the Rube Goldberg machine – either submit as one continuing challenge from member to member or individually.

Example Submission:

