

Friday After Thanksgiving: Chain Reaction

2016 Guidelines



Your link in the chain reaction should be no wider than 2', no taller than 4', and no longer than 6', should use no chemicals (small amounts of baking soda and vinegar OK), no plug-in electricity (batteries and low-power DC OK), and use no more than a cup of water.

Your link's action must be repeatable, so please test your chain reaction before bringing it to the event.

Please have your reaction last AT LEAST 30 seconds and end in LESS THAN three minutes. It's a great idea to give your audience time to enjoy your event, be it funny, playful, clever, whimsical, or elegant.

There will be a section of the Chain Reaction connected by tubes to pass a single golf ball from machine to machine. You'll receive the ball at a height of 2" above table height and should then integrate this ball into your link, using it in any way that you can imagine. You'll release this same ball to the next link in the chain at a height of 6" (this is not a typo, we mean 6", NOT 2") above table height. The good folks at the Museum will be bringing along extra tubes, ramps and slides in order to transfer the ball from the 6" release point on your machine to the 2" receiving point on the next machine.

You may also connect your machine using single string pulls. These reactions must begin AND end with a string pull. Please be sure that it takes no more force than the hanging weight of a golf ball moving 1" to start your link and ends by pulling a string AT LEAST 1" in length with enough force to lift a golf ball.

Your link **MUST** include something to do with symmetry. This is our 19th year (XIX), so explore fun ways to show symmetry and mirrored movement within your contraption.

Good luck! We look forward to seeing your fantastic creation at the Friday After Thanksgiving Chain Reaction!

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