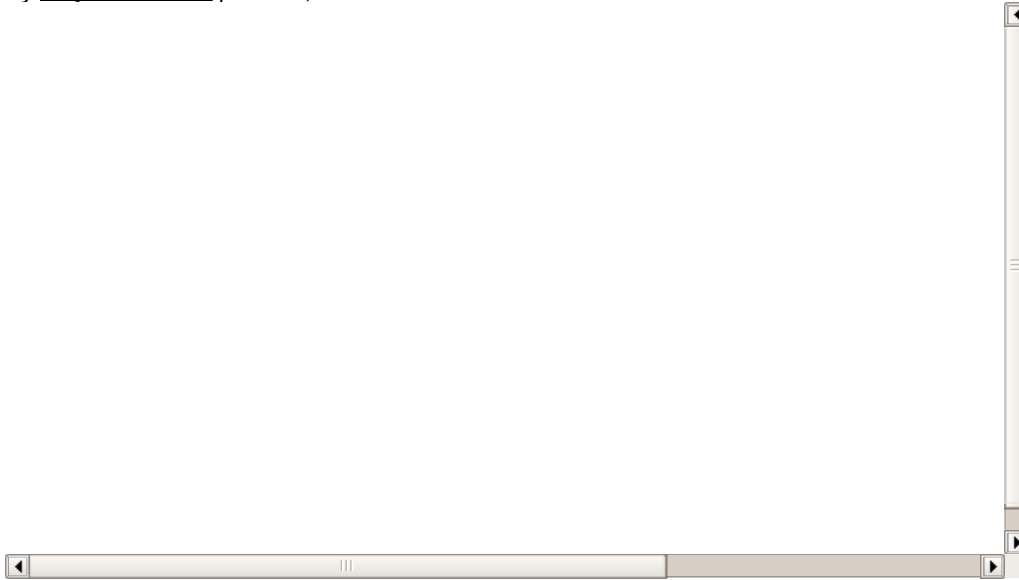


Make a Toy Fan Machine

By [Mujahidul Islam](#) | Jan 19, 2020



Children love to play with rotating toys. How about making one, with the children with everyday materials?

Materials required: string, hollow plastic ball (any pipe with one end close, hollow bamboo with one end closed), thin bamboo stick (or barbecue stick), ice cream stick (or anything similar)

Points of Discussion:

- Why the string comes back after pulling?
- Wooden butter-milk churner works on this principle.
- Why doesn't the toy move continuously when the thread is pulled slowly?
- Rotational mechanics
- Torque and Newton's Third Law

Precautions:

- Making hole carefully

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Duration:

2000 (All day)

Category: Classroom Resources

Subject: Science & Technology

Grade: Class 1-2

Class 3-5

Class 6-8

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