

Team Power

CLASSROOM ACTIVITY

**CHALLENGE**

The team is to construct a vehicle that will hold and move ping-pong balls as far as possible. The vehicle will be powered by the team blowing on it.

TIME

You will have 6 minutes to use your teamwork, creativity and innovation skills to build and test your vehicle. You will then have 2 minutes to move the ping-pong balls for score.

SET-UP

All materials to be used are placed on the table. A 'start line' is marked on the floor or on one of the tables. The team will blow the vehicle from the start line as far as possible.

PROCEDURE

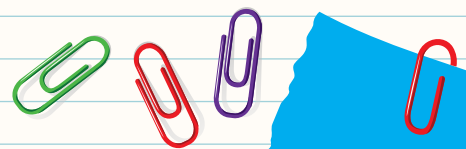
During the 6 minutes, you are to construct your vehicle and practice moving it by blowing on it. Nothing may be attached to the ping-pong balls. At the end of the 6 minutes, your vehicle holding the ping-pong balls must be behind the start line. During the 2-minutes, you may not touch the vehicle or the ping-pong balls. All team members must be behind the start line at all times. You have 2 minutes to blow your vehicle as far as possible. At the end of the 2 minutes, the distance the vehicle traveled and the number of ping-pong balls remaining in the vehicle will be scored.

MATERIALS

- 2 ping-pong balls
- 1 sheet construction paper
- 2 straws
- 4 labels
- 4 bottle tops
- 4 rubber bands
- 4 paper clips
- 8 toothpicks

SCORING

Distance the vehicle travels (inches)

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