

# Drag force and friction

LO: what are drag force and friction?

Describe what causes friction and sources of friction

Describe pros/cons of friction and how to reduce/increase friction

Describe what drag force is and how to reduce drag force

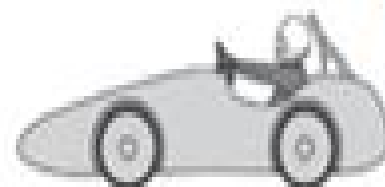
## DO NOW:

- 1) Why it is hard to walk on ice?
- 2) Why the change in shape from the first design (X) to the final design (Y) will increase the speed of the go-kart?



First design X

Final design Y



## Keywords:

- Friction
- Lubrication
- Water resistance
- Air resistance
- Drag forces
- Streamlined

# Drag Force Activity Guide

**Beth Stephenson**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

## **Drag Force Activity Guide:**

*GATE Mechanical Engineering Notes Book | Topic Wise Note Book | Complete Preparation Guide Book* EduGorilla Prep Experts,2022-10-01 Best Selling Note Book for GATE Mechanical Engineering Exam in English with objective type questions as per the latest syllabus Increase your chances of selection by 16X GATE Mechanical Engineering Notes Book comes with well structured Content Chapter wise Practice Tests for your self evaluation Clear exam with good grades using thoroughly Researched Content by experts

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**Contact Activity Book** Beth Stephenson,1984-06

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**Laboratory Manual for Nonlinear Physics with Maple for Scientists and Engineers** Richard H. Enns,George McGuire,2012-12-06 Science demands that all theory must be checked by experiment

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