

Air Push

Grade Level

Grades 4-6

Materials

Sturdy plastic garbage bag, four or five straws, sticky tape, pencil

Engineers use compressed air to make some parts of machines, such as car engines, move and to slow things down. "Air Push" demonstrates an effect of compressed air.

Organize a team of four or five. Seal the open end of a sturdy plastic garbage bag so no air will leak out. Spread the bag out on the floor. Team members should poke one hole each in the trash bag with a pencil. Stick a straw in each hole and put tape around the straws to prevent air leaks. One teammate can sit on top of the trash bag, as all other teammates blow into the straws.

Activity provided by: Society of Automotive Engineers from *A World in Motion*

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