

ENGAGE

To capture students' interest and find out what they know about air pressure, how it is used and can be changed.

Activity 1: Stomp Rocket

Resources you will need

- [Clip : Stomp rocket \(A\)](#)
- [Clip : Stomp rocket \(B\)](#)
- [Worksheet 2.1](#) (one per each student)
- [Background Information 1: Stomp Rocket](#)

Equipment you will need

- Plastic, 1.25lt soft drink bottle (empty)
- Plastic tubing (to fit bottle opening)
- Sheet of paper / light weight cardboard
- Tape & scissors
- Stand (to hold hose upright)

Teaching /learning sequence

1. As a class, view [Clip : Stomp Rocket \(A\)](#).
2. *Think pair share*
Ask students to use [Worksheet 2.1](#) to explain in words and pictures what caused the *Stomp Rocket* to take off.
3. Students then share their ideas with a partner and then add to [Worksheet 2.1](#) any new or modified ideas.
4. Invite students to share their ideas with the rest of the class.
5. In pairs, students can construct the stomp rocket and experiment with the air pressure principle.
6. Show students [Clip : Stomp rocket \(B\)](#)
7. Students record their evaluations on [Worksheet 2.1](#)

