

MAD SCIENCE



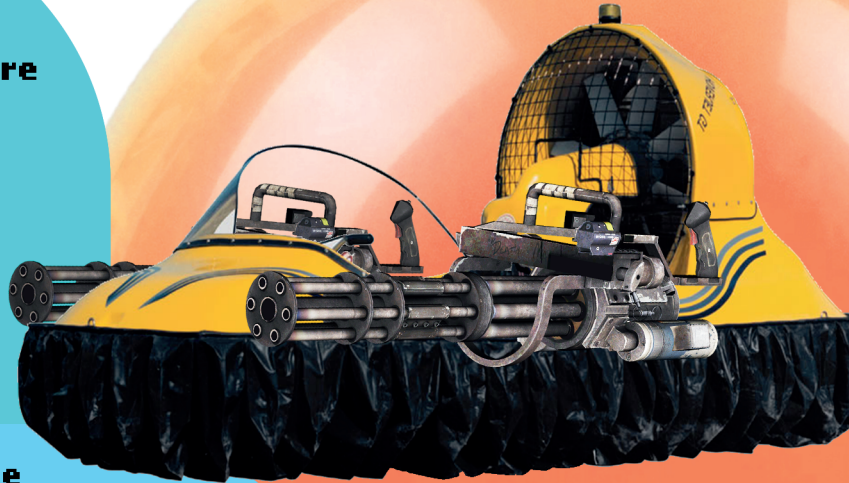
LearningWithoutBorders
European Educational Programme



How well do you remember the seriousness of the mission?
Put these events into the correct order.

- A. Entertainers become the most influential people in the world.
- B. All entertainers and non Beliebers are murdered.
- C. Robots take over all work.
- D. Justin Bieber is declared ruler of Earth.
- E. Civilization collapses.

BUILD A HOVERCRAFT



Thrust

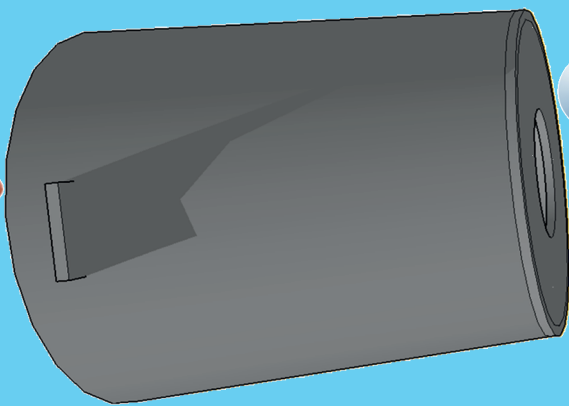
Chamber

Aperture

Vortex

Membrane

Pulse



Can you remember all the components of the vortex cannon?

A hovercraft could be really useful for defeating Beiber. You can make one in your class.

You will need:

a CD
A Balloon
A water bottle cap
Glue

So far, we only have hovercraft demonstration. To make it scientific, try answering these questions.

1. Does the size of the balloon affect the CD's ability to hover?
2. Does a helium balloon work better than an air filled balloon?
3. Do larger discs make better hovercrafts (plastic picnic plates, old record albums) ?

Can you think of a way to create forward thrust? If so, why not race your hovercraft?

