Good luck earthlings!

“THE EARTH IS IN OUR HANDS”

TECHNION EARTH DAY 2017
Rube Goldberg Machine Challenge

Technion - Israel Institute of Technology, one of the leading institutes of science and engineering in the world, invites you to build your own Rube Goldberg Machine and show the world what our planet means to you.

Learn more about our programs:
www.int.technion.ac.il
The Technion invites teams of high school students (grades 9-12) from schools around the world to create an Earth Day-themed Rube Goldberg Machine. The challenge will encourage students to use out-of-the-box problem solving and teamwork to build a multi-step, chain reaction machine, and creatively incorporate earth-themed references and messages into their design thinking.

**Team**
A Team consists of at least three students enrolled in the same day school. Members on a team can be in different grades, but they must all be high school students. A teacher can serve as an advisor to the project, but all decision-making and actual building is to be done by the students either at school or at home.

**Machine Goal**
The final step of the machine must reveal a theme of Earth Day.

**Mechanical objective:** Your Rube Goldberg Machine should be composed of every-day, recyclable items.

**Environmental objective:** The concept of this machine must deal with nature, recycling, and other Earth Day themes.

**Judging**
A panel of judges will select the winners based on their creative expression of Earth Day themes in a Rube Goldberg Machine. All entries must be submitted as edited videos.

**Recognition and Prizes**

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<th>FIRST PLACE</th>
<th>SECOND PLACE</th>
<th>THIRD PLACE</th>
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<tbody>
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<td>One-year full scholarship towards studying at the Technion for the winning team</td>
<td>A 3D printer for the winning school</td>
<td>An Arduino set</td>
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Winning videos will be shared on Technion’s YouTube Channel.

**Deadline for entries:**
March 1st, 2017.

**For more information:**
apply@int.technion.ac.il