Get started with STEM projects

Engage students in real-world activities using the TI-Innovator™ Rover and a TI-84 Plus CE graphing calculator

Step 1: Gather your equipment.

In addition to your TI-84 Plus CE graphing calculator, you'll also need a TI-Innovator™ Rover. If you do not have one, you can borrow the equipment and supplies needed for the activities below. Go to TIstemProjects.com, click on the Get Started Now button at the bottom of the page, then fill out the form to begin a conversation with the TI STEM Team. **Note:** If you are using your own equipment, make sure your Texas Instruments technology is up to date.

TI-Innovator™ Rover

Step 2: Learn to program.

You'll need a background in creating, storing, editing and running programs on the TI-84 Plus CE. For step-by-step instructions, check out TI Codes: TI-84 Plus technology. Complete Skill Builder 1 under Unit 1, then move on to Step 3 below.

TI-Innovator™ Rover with TI-84 Plus CE graphing calculator

Step 3: Make Rover move!

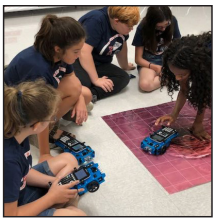
With a foundation on using the TI-84 Plus CE, you can now get experience in writing programs for the Rover. Start with Unit 4 in 10 Minutes of Code (for the TI-84 Plus CE graphing calculator and TI-Innovator™ Technology) for step-by-step skill builders to help you and your students.

10 Minutes of Code

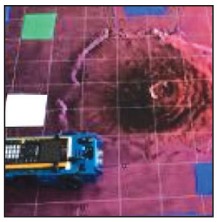
Now that you're comfortable using the TI-84 Plus CE and Rover, you are ready for these lessons and activities (follow the links to each project):

Math In Motion *Plus*
(Four activities)

Rover, Watch Out for Rover!



Mars Rover Challenge
(On-Ramp to Robotics Unit 1)



Mars Mineral Challenge
(On-Ramp to Robotics Unit 2)

Make sure to download the corresponding teacher documents, and examine the materials as you plan these activities for your students. Discover other Rover projects at TIstemProjects.com.

Contact stem-team@ti.com with questions or comments.

Texas Instruments