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.

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):
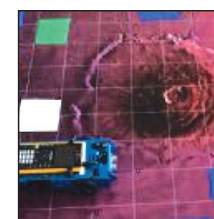

10 Minutes of Code

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