

Get started with STEM projects

Engage students in real-world activities using the TI-Innovator™ Rover and a TI-Nspire™ CX family graphing calculator

Step 1: Gather your equipment.

In addition to your TI-Nspire™ CX family 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 [Tistempjts.com](https://www.ti.com/education/tistempjts), 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-Nspire™ CX family graphing calculator. For step-by-step instructions, check out [10 Minutes of Code for TI-Nspire™ Technology](#). Complete Skill Builder 1 under Unit 1, then move on to Step 3 below.



TI-Innovator™ Rover with TI-Nspire™ CX II graphing calculator

Step 3: Make Rover move!

With a foundation on using the TI-Nspire™ CX family graphing calculator, you can now get experience in writing programs for the Rover. Start with Unit 4 in [10 Minutes of Code](#) (for the TI-Nspire™ CX 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-Nspire™ CX family graphing calculator and Rover, you are ready for these lessons and activities (follow the links to each project):



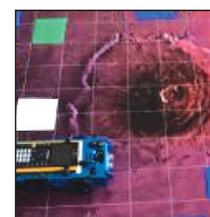
[Math In Motion Plus](#)
(Four activities)



[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 [Tistempjts.com](https://www.ti.com/education/tistempjts).

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