



We help schools
Build Capacity.
Teach STEM Better.
Enhance Learning.

Grades 3-7



EXPLORING A MISSION TO MARS WITH CODEY ROCKY

Bring an excitement for learning into your classroom with a comprehensive CS course designed to engage young minds with robotics and STEM.

ENJOY MISSION SUCCESS

Send Codey to Mars! An adventure awaits where Codey becomes a rocket, then a spaceship, then a rover once he lands on Mars. An ideal beginner's robot that can be used right out of the box to create game controls; roam and avoid obstacles; follow light, sounds or dark lines; mimic facial expressions; make music and fun noises. Educators use the 20+ online lessons with PBL to teach CS standards and introduce AI and IoT cutting-edge technologies.

STUDENTS WILL:

- **Develop CS skills:** control the robot, use sensors and communicate messages
- **Learn to code with Scratch** at any skill level, on: Chromebook, Android, iOS, PC, or Mac
- **Gain hands-on experience** as an engineer with the Engineering Design Process



STEM Solutions for Busy Teachers



Save time in lesson prep with standards-aligned, easy to teach lessons created by teachers for teachers.



Gain helpful STEM and CS tips and techniques through live or virtual PD sessions with our experts.



Tailored for your timeframe: Camp, after-school, or in-class with 6 to 40 hrs of hands-on activities.



You can count on our support team for technical and lesson planning assistance when you need it.

INNOVATIVE ROBOT DESIGN STRUCTURE

Use Codey and Rocky together or separate to maximize your robot's features.



- **IR Transmitter/Receiver** makes communication with multiple robots possible and allows infrared remote control of electrical appliances.
- **RGB LED Display** for messages and fun facial expressions.
- **Internal rechargeable battery** lasts for 4+ hours of activities.



- **6-axis Gyroscope** detects tilts, shakes and turn angles for games and tricks.
- **Infrared Sensors** detects colors, avoids obstacles, calculates distance and enables cruising.
- **Sound Sensor** detects sound levels useful for clap and voice control.
- **mBlock 5 App** for Scratch code and to advance to Python coding.

TURN-KEY FOR ALL LEARNERS AND EDUCATORS*

Start easily with a **STEM Lab Pack** that includes everything needed for success:



World-class digital Curriculum packed with 5E lessons, slide decks, videos, activities, handouts, assessments.



Knowledgeable PD and dependable support services.



Reliable STEM products that last several years.



Fun Software Apps for Coding on almost any device with easy to follow step-by-step instructions.



*Also available: Up to 3 **College credits and certificates** from our partnership with **UC San Diego**
EXTENDED STUDIES

STANDARDS-ALIGNED CURRICULUM



Science

Apply physical science concepts, engage in scientific inquiry, and perform data analysis.



Technology

Create and test programs in projects combining hardware and software with variables, loops, and conditionals.



Engineering

Collaborate, communicate, and create innovative designs using the Engineering Design Process.



Mathematics

Reason abstractly while solving multi-step real world problems and algorithms.



Ask our STEM Specialists for an Implementation Plan today!



@EDforTech

EDforTech.com



info@edfortech.com



760-650-2687



EDforTech
STEM Specialists