

Getting Started

Challenge Mat: Mission to Mars

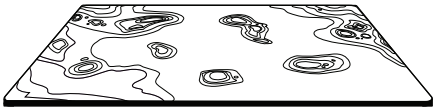
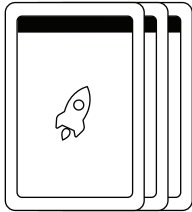
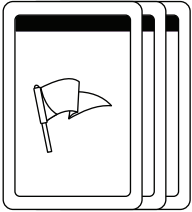

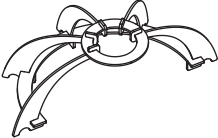

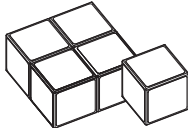
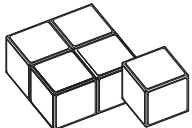
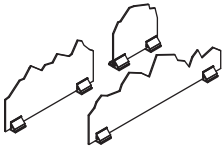
How to Use the Challenge Mat with Your Students:

Challenge Mats are designed for as many as four Ozobots being programmed at a time. Students can work independently or in pairs, with a maximum of eight students using the mat at a time. Students will need a device to run Ozobot Blockly to program Ozobot while using the mat.

There are multiple ways to learn using the Challenge Mats. Teachers can use the standards-aligned lesson plans to guide direct instruction or allow students to learn on their own.

- 1. Lesson Plans:** The below standards-aligned (CSTA and ISTE) lesson plans are located on Ozobot Classroom. Teachers can give their students the full thematic experience by reading the story context and facilitating the challenges themselves.
 - a. Mars Challenge Mat Lesson 1: Landing on Mars
 - b. Mars Challenge Mat Lesson 2: The Missing Crate
 - c. Mars Challenge Mat Lesson 3: Cry for Help
 - d. Mars Challenge Mat Lesson 4: Going Home
- 2. Blockly Basics Cards:** Students can learn how to code with Ozobot Blockly using these cards with the mat.
- 3. Challenge Cards:** Students who have mastered Ozobot Blockly basics can use these cards independently to move through intermediate and advanced levels.

Challenge Mat Includes:

Mars Mat x1 		Blockly Basics Cards x17 	Challenge Cards x15 	Evo Robot Arms x3 
Base Camp x1 	Landing Site x1 	Fuel Cells x5 	Supply Crates x5 	Canyon Maze Walls x9 

Getting Started

Challenge Mat: Ultimate Soccer

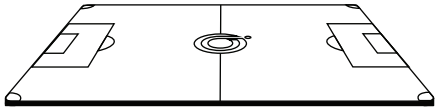
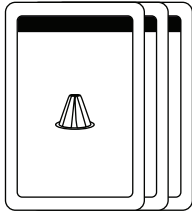
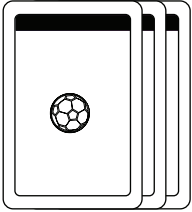

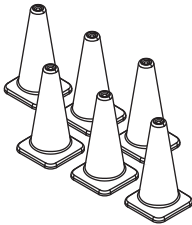
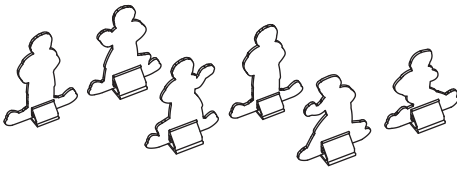
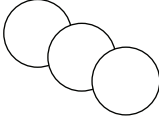
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- 1. Lesson Plans:** The below standards-aligned (CSTA and ISTE) lesson plans are located on Ozobot Classroom. Teachers can give their students the full thematic experience by reading the story context and facilitating the challenges themselves.
 - a. Soccer Challenge Mat Lesson 1: The Invite & Dribbling
 - b. Soccer Challenge Mat Lesson 2: Passing with Purpose
 - c. Soccer Challenge Mat Lesson 3: Finishing vs Shooting
 - d. Soccer Challenge Mat Lesson 4: Agility Challenge
- 2. Blockly Basics Cards:** Students can learn how to code with Ozobot Blockly using these cards with the mat.
- 3. Challenge Cards:** Students who have mastered Ozobot Blockly basics can use these cards independently to move through intermediate and advanced levels.

Challenge Mat Includes:

<p>Soccer Mat x1</p> 	<p>Blockly Basics Cards x17</p> 	<p>Challenge Cards x15</p> 	<p>Evo Robot Legs x3</p> 
<p>Cones x6</p> 	<p>Defenders x6</p> 	<p>Soccer Balls x3</p> 	<p>Soccer Goal x2</p> 