# Family Support for Imagine Robotify



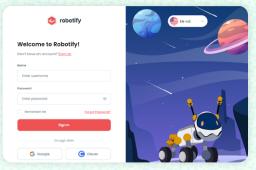
### Spark a love for coding this year

#### **GET STARTED!**

Help your student log in to <u>Imagine Robotify</u>\* using the username and password or QR code provided by their school.

If your district uses a single sign-on (SSO) portal, like Clever or Classlink, follow the instructions from your student's teacher.

Now you're ready to make the most of the following tips to support your student.



Imagine Robotify Login Portal

#### WHAT TO EXPECT FROM IMAGINE ROBOTIFY

Your student will learn the fundamentals of coding in a fun and playful way, beginning with the 'Axel's Mars Adventure' course. Students interact with one another and a fleet of virtual robots in unique virtual environments, gaining mastery through a three-part foundational framework: Learn, Create, and Compete.

#### Learn

Courses teach the foundations of computer programming (such as loops, variables, functions) through 100+ hours and 1000+ challenges.

#### Create

Students create their own coding projects to share with their friends, or complete challenges set by their teacher.

#### **Compete**

Students compete in matches that stimulate their creativity and help them improve their critical thinking, collaboration, and communication skills.





#### Curious about what the curriculum looks like?

Watch students in Michigan learn to code!

Watch the Video\*\*

- \* https://edu.robotify.com/login/
- \*\* https://imaginelearning.wistia.com/medias/hgkyg8a29b

## Help Your Student Thrive in Their Learning

#### Stay connected to your student's teacher

Communicating with your student's teacher builds a support team that helps everyone succeed. The teacher may assign additional at-home practice if your student is struggling with a concept, and knowing when they need extra encouragement will help. Reach out to the teacher if you have any questions.

#### Create a way for your student to excel at home

At-home support and encouragement are valuable. Try these tips to keep your student engaged and focused:

- Choose a comfortable, distraction-free space as a work area
- Create a plan, such as 'focus time' and 'break time,' to help them connect and succeed
- Make sure your student has Wi-Fi and a charged device, such as a laptop, tablet, or smartphone
- Show interest in what your student is learning with questions like, "What coding challenges did you tackle today?", "What did you learn about computer science today?", "What questions do you have about the lesson?"



## Why Imagine **Robotify?**

Imagine Robotify teaches and reinforces computer science fundamentals, including cybersecurity, network organization, and coding with Blockly and Python languages. Students follow instructions to control virtual robots and apply their knowledge by creating projects that help them practice building, editing, and analyzing code. Their new coding skills are then tested and honed through gamebased competition. Imagine Robotify also develops critical thinking, creativity, collaboration, and communication skills the four Cs of science – which are key to college and career readiness.



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