

Link: uatim.org/conferences

EDISON: DON'T DOUBT THIS LITTLE POWER HOUSE!



Twitter - @RMayben9
Training Site: uatim.org
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HELLO!

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MEET EDISON

Let's find out about the Edison Robot.





WHAT IS AN EDISON ROBOT?

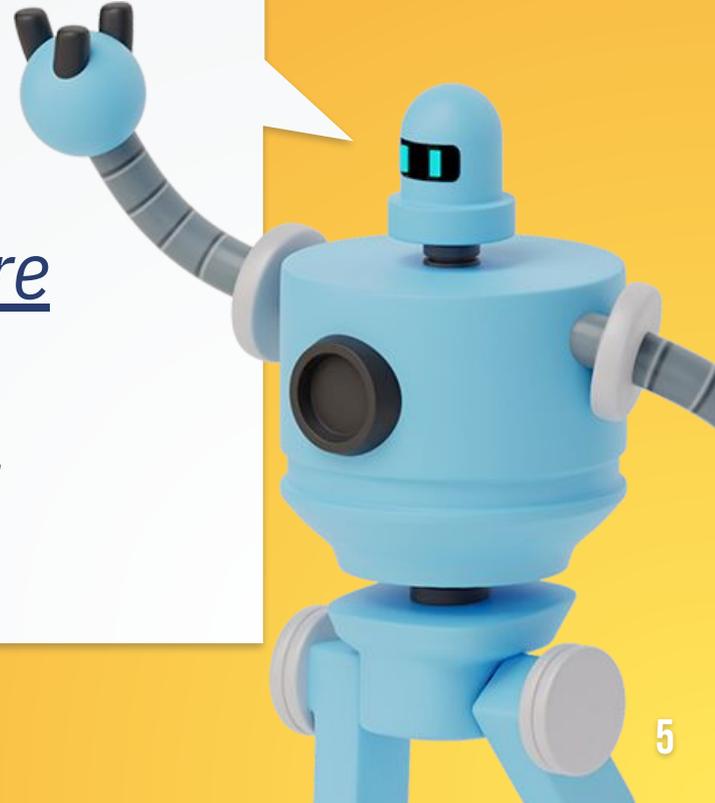
- Edison is a programmable robot designed to be a complete STEM teaching resource for coding and robotics education for students from 4 to 16 years of age.
- Edison helps deliver meaningful computational thinking, computer programming and 21st-century education in an engaging, hands-on way.
- An inexpensive robot that can be programmed by barcodes, icon-based drag-and-drop coding, through block-based coding and on to text-based programming.



Source: meetedison.com/why-edison-robot

Other promising features:

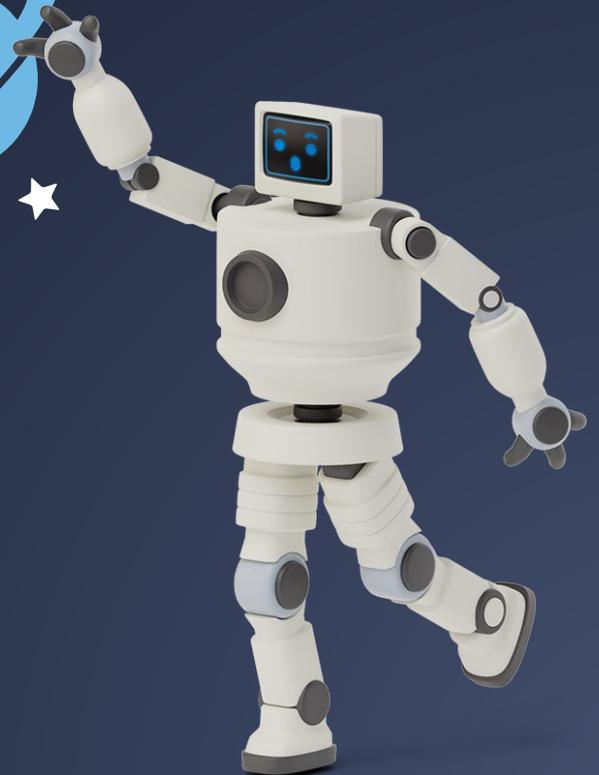
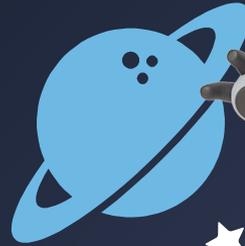
- *Free Lessons & Activities*
- *Free Programming Software*
- *Works with LEGO!*
- *Sensors, Lights, & Sounds!*





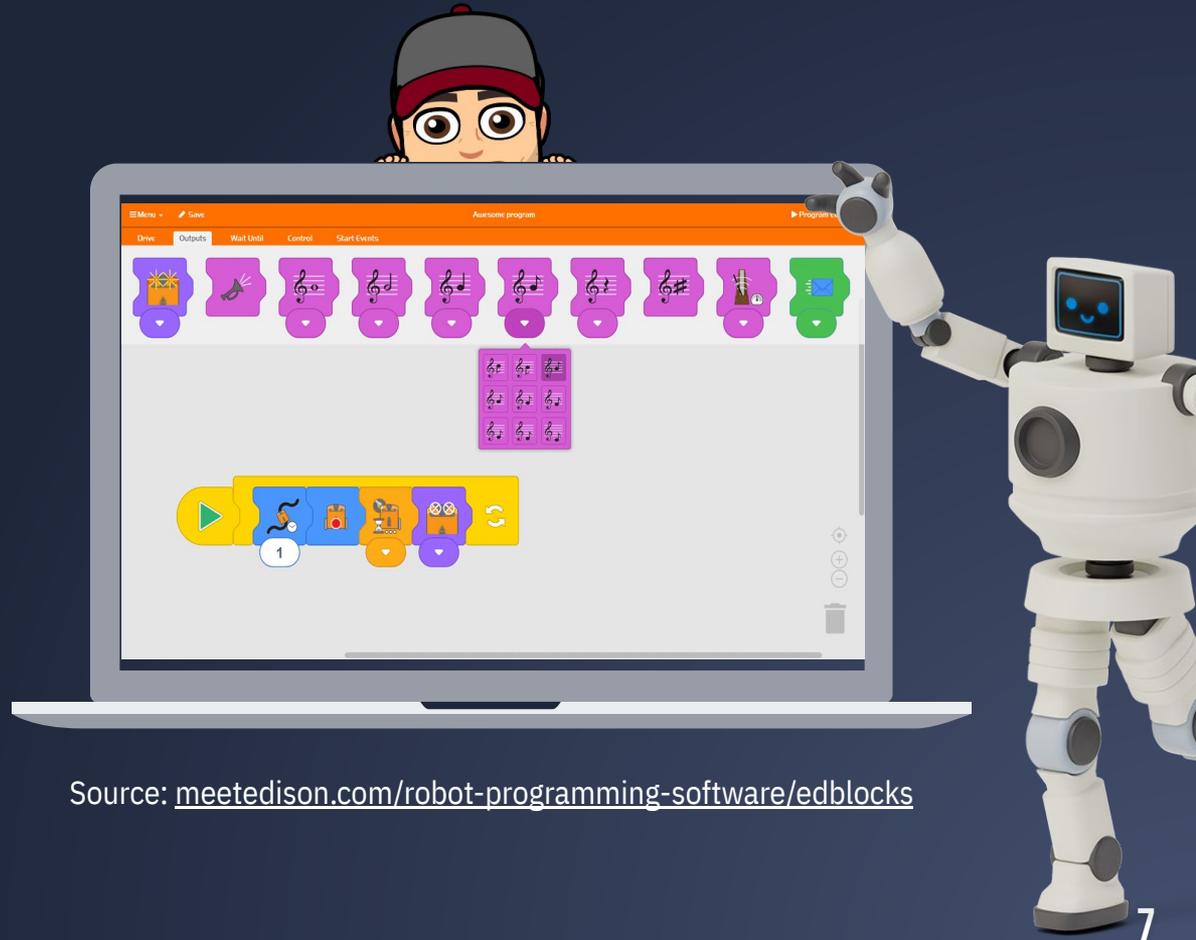
PROGRAMMING

Did you say that you wanted to know more about the programming languages that Edison supports?



EDBLOCKS

EdBlocks is a fully graphical robot programming language for the Edison robot that is super easy to use. A drag-and-drop block-based system, EdBlocks is intuitive and fun, even for younger users. Perfect for introducing anyone to programming, EdBlocks is ideal for students aged 8 to 12 years old.

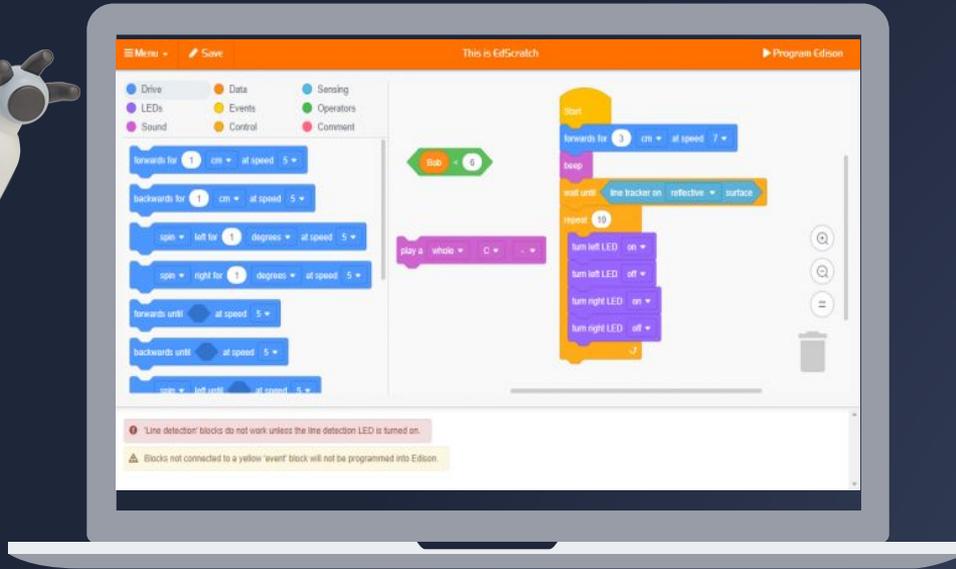


Source: meetedison.com/robot-programming-software/edblocks



EDSCRATCH

EdScratch is a vertical block-based visual programming language based on Scratch. EdScratch combines the ease of drag-and-drop programming with powerful functionality and versatility. The result is a robot programming language that is easy to learn and offers a robust platform for computer science education.



Source: meetedison.com/robot-programming-software/edscratch

EDPY

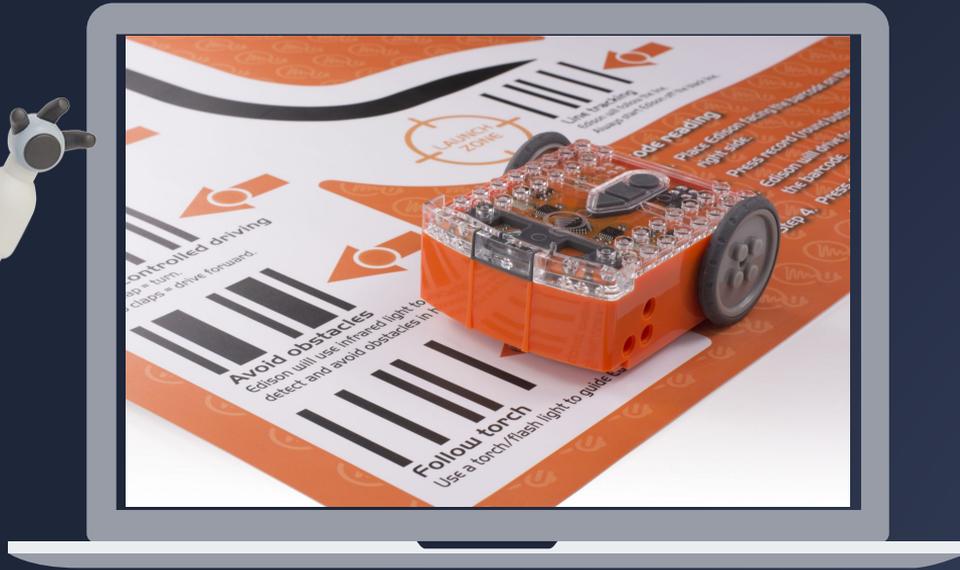


EdPy is a versatile text-based programming language for the Edison robot. EdPy makes text-based programming fun by letting students see their code come to life in their Edison robot. With EdPy, students are learning the core of a real programming language and are able to take their exploration of robotics and coding to a more advanced level.



Source: meetedison.com/robot-programming-software/edpy





Source: <https://meetedison.com/barcodes>

BARCODES?

The barcodes are pre-set programs that let anyone get started with the Edison robot. Even those with no programming or coding experience! The barcodes are included in all Edison Lessons plus there is a free barcode activity book.



DESIGN WITH EDISON

The EdCreate Expansion Pack adds another STEM element to the Edison experience by providing engineering and programming projects. Many of the EdCreate activities can also be completed using LEGO bricks, or explore the open-ended design and engineering challenges on the Edison Design Challenge site.



NEED MORE INFO?



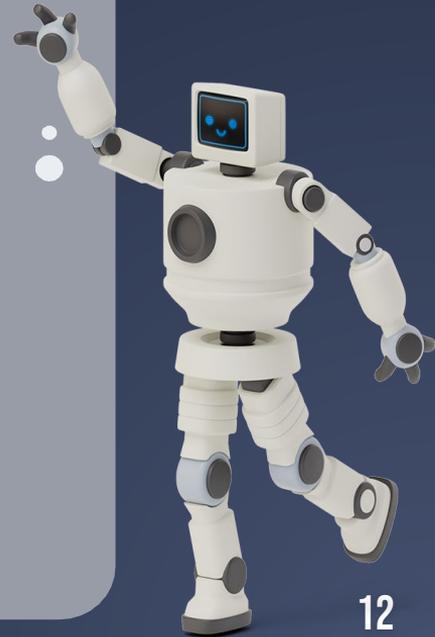
What is Edison? ▾ Lessons ▾ Activities ▾ Programming ▾ Shop ▾ Blog Support ▾ 🔍

Effective, engaging and enjoyable coding education

Edison is a robust educational robot designed to bring coding to life for students and help teachers deliver meaningful 21st century education.

▶ Watch video

[MEETEDISON.COM](https://www.meetedison.com)



LET'S PLAY!

WE WILL HAVE 4-5 ROUNDS OF 8-10 MINUTES EACH.

#1 Barcodes

- Clap-Controlled Driving
- Avoid Obstacles

#2 Barcodes

- Follow a Torch
- Line Tracking

#3 Sumo

The Edison version of Battle Bots!

#4 EdBlocks

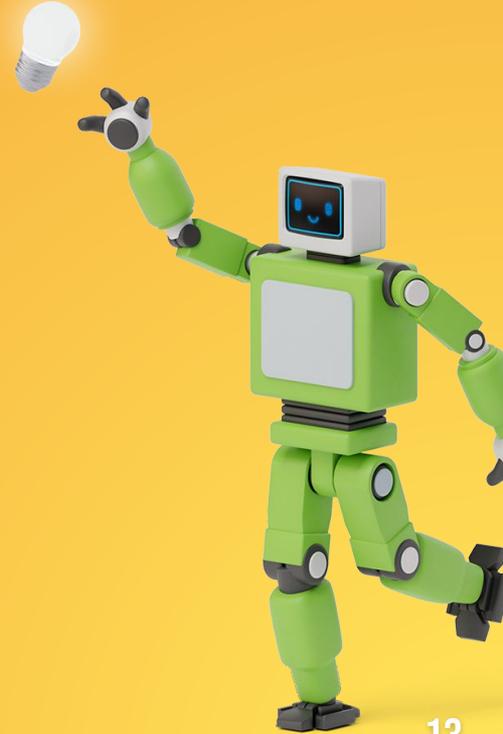
You will work with the first activity from the EdBlocks Activity Set. Program Edison to go from start to finish. Can you make him go from start to finish and back?

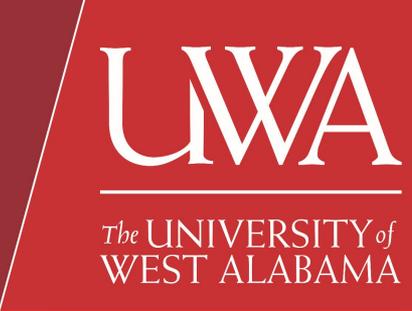
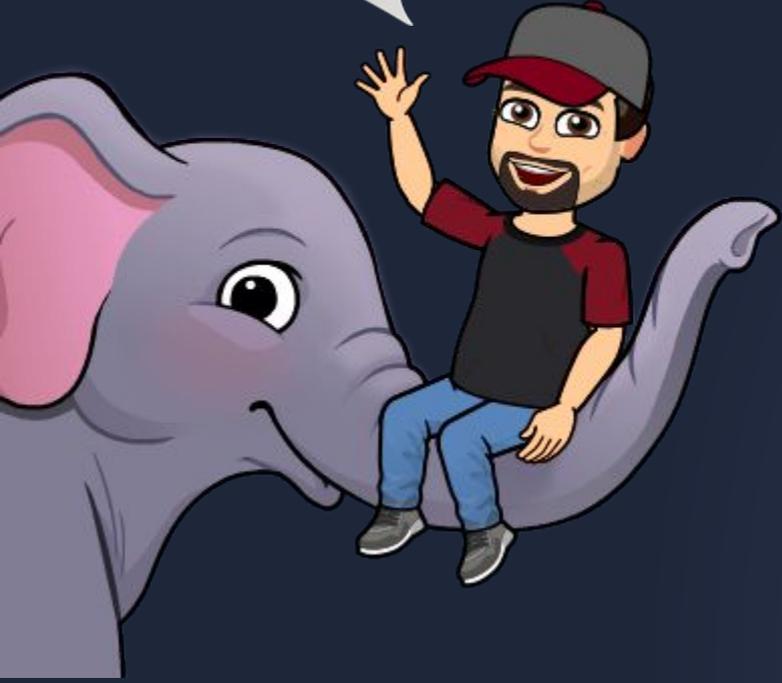
#5 EdScratch

Explore the EdScratch environment with two activities from the EdScratch Activity Set.

#6 EdPy

Drive the Edison robot using text-based EdPy programming.





ANY QUESTIONS?

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