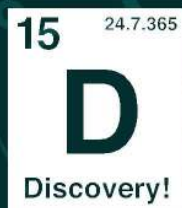


The Element of ...



What's YOUR Element?



MICHIGAN SCIENCE CENTER FINCH ROBOT LENDING PROGRAM

Teachers interested in using the Finch Robot equipment must undergo a half day training hosted at the Michigan Science Center (MiSci). Led by MiSci Educators, these sessions will provide teachers the fundamental knowledge for operating and troubleshooting the hardware and software. With the certification, teachers are able to check out robot kits anytime a kit is available. MiSci educators will provide lesson plans for the classroom and show how to connect Finch Robots to the Grade Level Content Expectations.

This program addresses STEM-computer science through direct education efforts. The goal of the Finch Robot program is to impart understanding of coding languages and robotic operations. In addition to offering hands-on opportunities to code and become familiar with robotics, the class/workshop lesson plans will focus on open-ended, project-oriented goals. This style of activity, self-led exploration in group settings, encourages team building opportunities while improving critical thinking and creative problem solving skills which are critical tools our future engineers and computer scientists need.

In order to check out a classroom set of Finch Robots you must:

1. Attend and complete a 2-hour introductory training session hosted at MiSci (**check our Educator Events page for upcoming training sessions**)
2. Have a safe way to transport the robots
3. Sign a Lending Agreement

Kit Contents

- Eighteen (18) Finch Robots
- Eighteen (18) 10-foot USB Cords
- Fifteen (15) ASUS Notebooks
- Fifteen (15) ASUS Notebook Chargers
- One (1) Educator Packet
- One (1) Troubleshooting Guide
- One (1) USB Flash Drive with Educator Content



Michigan Grade Level Content Expectations Met

- Grade 4: 4-PS3-4, 3-5-ETS1-1, 3-5-ETS1-3
- Grade 5: 3-5-ETS1-1, 3-5-ETS1-3
- Grade 6-8: MS-ETS1-1, MS-ETS1-2, MS-ETS1-4
- High School: HS-PS3-3, HS-ETS1-2

For more information, call (313) 577-8400, ext. 238 or email education@mi-sci.org



www.Mi-Sci.org



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