Welcome!!
STEM Series - Part 3
Meet the Computer Science Standards with CODE.ORG
Will begin promptly at 4:00

STEM Series - Part 3
Meet the Computer Science Standards with CODE.ORG
Shawn Abele

Welcome!

Shawn Abele

shawnabele@gmail.com

@MsAbele

Hot Spot Website

About CODE.ORG

Code.org® is a nonprofit dedicated to expanding access to computer science in schools and increasing participation by women and underrepresented youth. Our vision is that **every student in every school has the opportunity to learn computer science**, just like biology, chemistry or algebra. Code.org provides the leading curriculum for K-12 computer science in the largest school districts in the United States and Code.org also organizes the annual Hour of Code campaign which has engaged more than 15% of all students in the world.

Objective

Participants will

- Create a code.org account
- Explore code.org as a student
- Create a class section
- Assign a course to a section

Why teach Computer Science?

Check out these STATS from code.org

ARIZONA

17,192 Open computing jobs

(2.9x the state average demand rate)

1,014 Computer science graduates

UNITED STATES

666,534 Open computing jobs nationwide

71,226 Computer science students graduated into the workforce last year

Standards

[Arizona Computer Science Standards](#)
New AZ CS standards were adopted in October of 2018.

[Arizona Educational Technology Standards](#)
These EdTech Standards were adopted in 2009. AZ Dept of Ed has just begin the process to update these standards. Timeline of completion of a new set of standards set for January 2021.

Computer Science Standards

[Arizona Computer Science Standards](#)

1. Computing Systems
2. Networking and the Internet
3. Data Analysis
4. Algorithms and Programming
5. Impacts of Computing

Many of these are already covered in your everyday use of technology in the classroom!

Ideas

- Use during intervention
- Enrichment activities
- Computer Science as part of Science units
- During designated computer time (if your school still has this special)
- "I'm done, now what?"
- Excessive heat days
- Station activities

Demo

Code.org is an excellent way to meet all of the Computer Science Standards with NO lesson planning on your part! It's fun, simple to set up and easy to use!
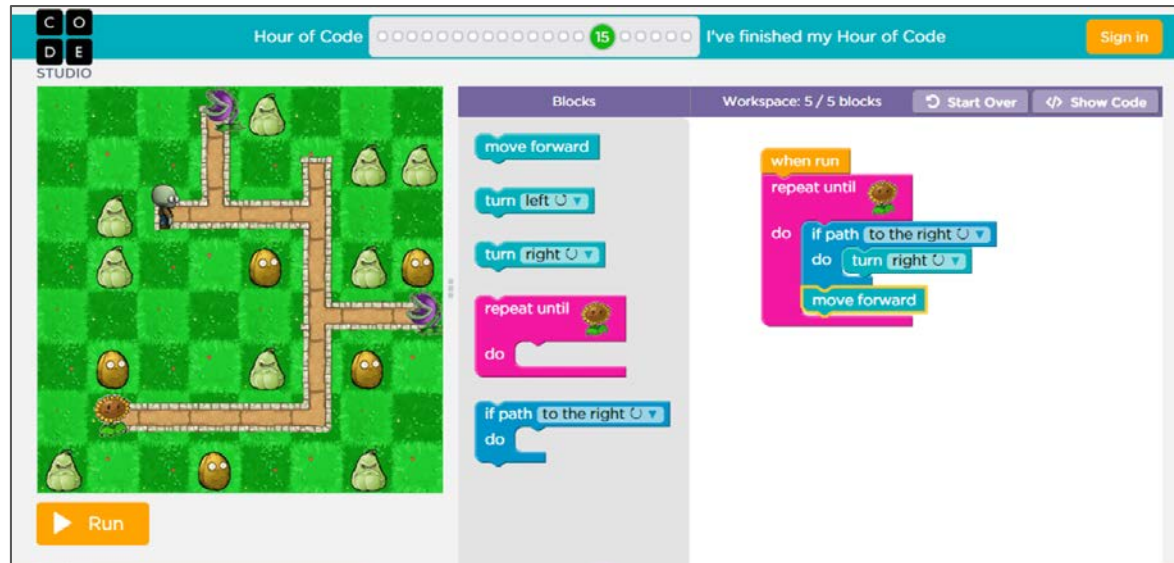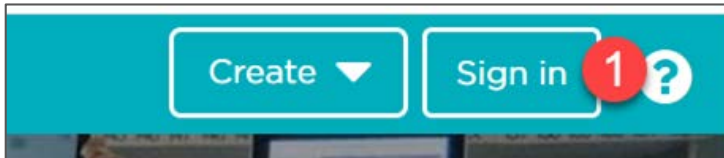
Participants will

- Create a code.org account
- Explore code.org as a student
- Create a class section
- Assign a course to a section

Create a CODE.ORG account
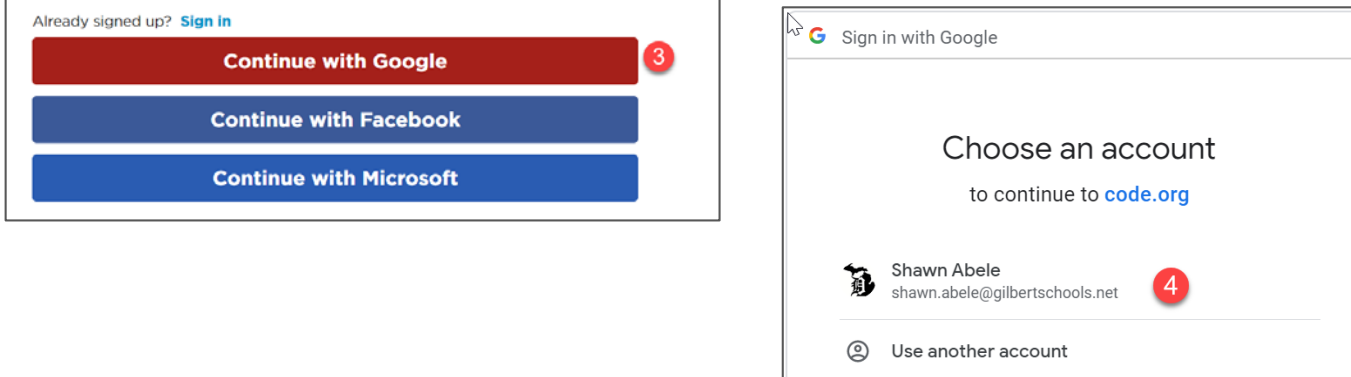
Explore as a student

Participants will

- Create a code.org account

- Explore code.org as a student

- Create a class section

- Assign a course to a section

Explore as a student

Try it as a STUDENT! Navigate to studio.code.org/join and type in the section code.

K - Pre-reader Express - **VWTMMX**

1st - Course A - **QPJCHW**

2nd - Course B - **DMBLHH**

3rd - Course C - **RGPSKW**

4th - Course D - **WQNTYC**

5th - Course E - **BWVXTB**

6th - Course F - **SZMJFF**

7th/8th - Computer Science Discoveries - **PXNDTK**

High School - Computer Science Principles - **LFMFVN**

5 Minutes

Participants will

- Create a code.org account

- Explore code.org as a student

- Create a class section

- Assign a course to a section

Create a Section

[Create a Section and Assign a Course](#)

Create a section using

- Google Classroom - (Students will login with Gmail)
- Picture logins - (k-2)
- Gmail

Assign a Course

Participants will

- Create a code.org account

- Explore code.org as a student

- Create a class section

- Assign a course to a section

Assign a Course

Assign a Course

- Only one course per section. If students advance, create new section to add courses

Selecting the right course

Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
Course A	Course B	Course C	Course D	Course E	Course F
Pre-Reader Express Course	Express Course				

Questions and Comments

Getting PD Credit

The Department of Ed will be manually putting in attendance within the next 24 to 48 hours. Once that is done you will receive an email to complete a survey and then you can obtain your certificate. We do not email certificates directly to you, it is all done through the Events Management System EMS.

If it says you have missed this webinar, you have most likely not missed it. The attendance needs to be put in to say "completed."

Contact Information

Shawn Abele

shawnabele@gmail.com

@MsAbele

Hot Spot Website

Sarah Sleasman

Arizona Department of Education

Sarah.Sleasman@azed.gov