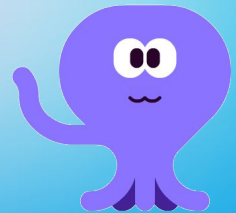


Piloting Kira Learning's Middle School Course after TCAP

April 25, 2024



Housekeeping Items

REC ●

Webinar is recorded



Slides available along with the recording



Enter your questions in the Q&A box

Facilitators



Rick Gaston
Dir. of Teaching & Learning
Kira Learning



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Computer Science Teacher
Richview Middle School



Shelby Woods
Computer Science Teacher
Sevier County Junior High

◀ Agenda ▶

- Who is Kira Learning?
- Pilot overview
- Platform overview
- Student content overview
- Teacher resources
- Setting up your class
- Pilot pacing guide
- Pilot teachers share experiences and tips
- Next steps



Kira Learning Team



Dr. Andrew Ng
Chairman

Chairman and
Co-Founder of Coursera,
Adjunct Professor
at **Stanford University**.



Andrea Pasinetti
CEO, Co-Founder

Founded and ran
one of China's
largest and most
impactful education
non-profit
organizations -
Teach For China.



Jagriti Agrawal
Co-Founder,
VP of AI

Developed
automation software for the
Mars 2020 rover
mission at NASA
JPL in the **Artificial Intelligence**
Group.



Sarah Stern
Dir. of Customer
Success



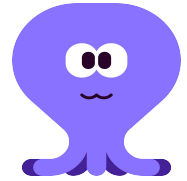
Cristina Herndon
Sr. Customer Success Manager,
Western Tennessee



Molly Mulhern
Customer Success Manager,
Eastern Tennessee

◀ About **KIRA LEARNING** ▶

Kira Learning is an education technology company founded in 2021 with the aim of using AI to empower everyone to learn computer science.



◀ Our **Vision** ▶

Kira Learning prepares learners for the Computer Science careers of the future.

We are building the content, tools, and support to empower anyone to teach or learn AI & CS.

Kira in Use

Tennessee

Singapore

Maryland

Ohio

Togo

New York

Vietnam



Kira in Tennessee - Quick Highlights

- Contracted by the state to design CS courses for middle and high schools to meet the requirements going into effect Fall 2024. Read more here: kira-learning.com/tennessee
- We currently offer one course for middle school and one for high school—they are completely aligned with state standards
- Access to Kira content, platform, and professional development is **FREE** for all districts, schools, teachers, and students
- To learn more about the middle school course, view this previous webinar: info.kira-learning.com/webinar-ms-scheduling

Pilot Overview

Goal: Give middle school teachers the opportunity to test out the Kira platform and content with students ahead of the upcoming school year and provide critical feedback to our product and content teams.

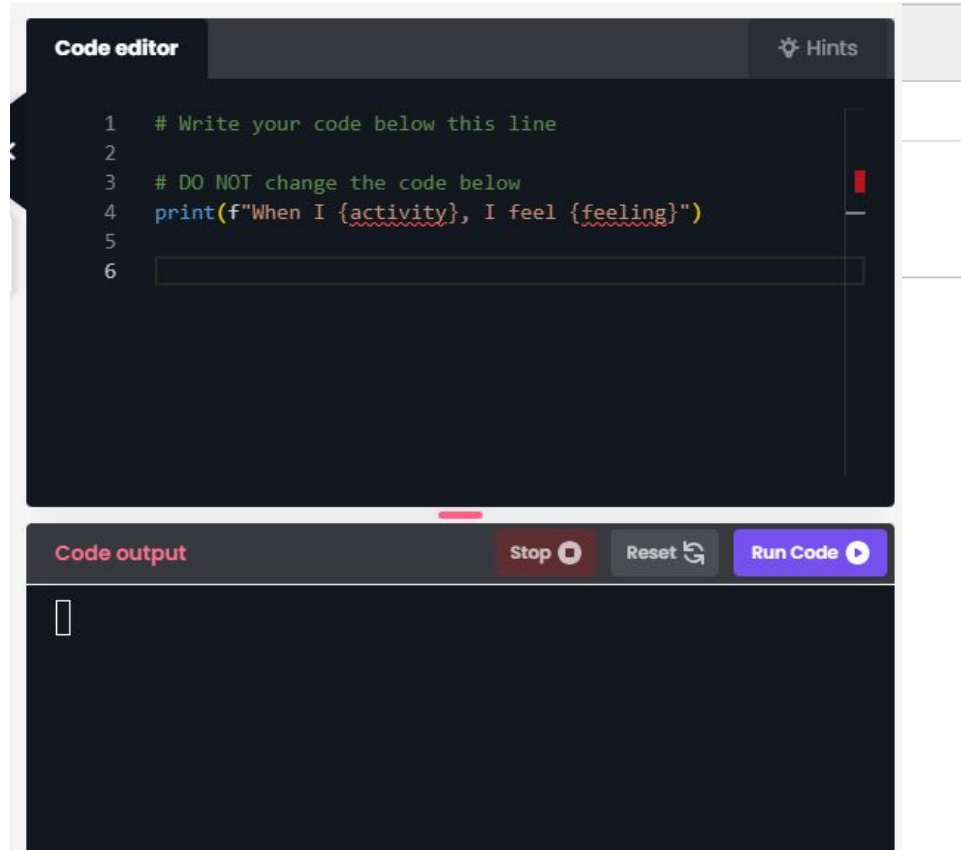
Pilot Structure:

- May 6 through 24, 2024
- Registration encouraged
- Kira will provide supportive resources
 - Webinar recording and slides
 - Quick tip guide for teachers + email template for students
 - Email support access + Knowledge Base
 - Feedback opportunities with our product team



Platform Overview

- Kira Learning videos
- Kira Learning coding opportunities
 - Platypus
 - Code editor
- Kira Learning formative assessments



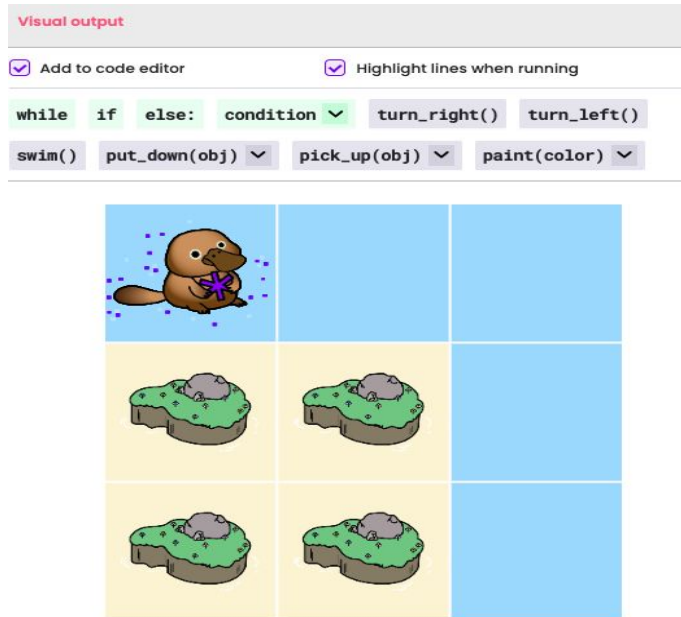
The screenshot displays a web-based code editor interface. The top section is titled "Code editor" and contains a dark-themed text area with the following Python code:

```
1 # Write your code below this line
2
3 # DO NOT change the code below
4 print(f"When I {activity}, I feel {feeling}")
5
6
```

Below the code editor is a "Code output" section. It features three buttons: "Stop" (red), "Reset" (grey), and "Run Code" (purple). The output area itself is currently empty.

Student Content Overview

- Curriculum guide
- Platypus coding environment



Curriculum Guide

Introduction to Computational Thinking and
Programming

Course Overview

p.2

Course Structure and Delivery

p.3

Course Content Outline

Standards Coverage

p.5

Content Overviews

p.8

Unit Overviews

p.8

Project Overviews

p.11

Pilot Pacing Recommendation

- Unit 1 with Platypus coding offers an engaging and foundational learning experience



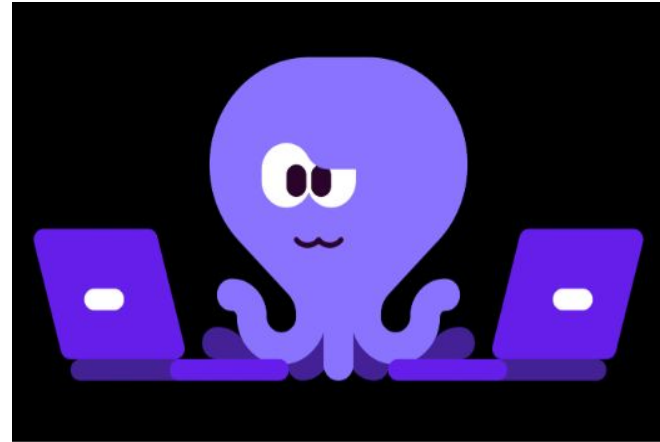
- If more time, continue to units 2 and 3

Teacher Resources Overview

- Lesson plans
- Lesson slides
- Guided notes

Setting up Your Class

- Select the right course
- Create your section name
- Set your settings
- Share the URL with students



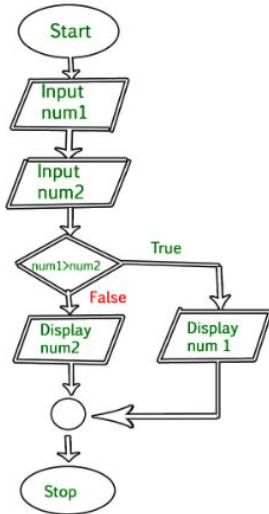
**Middle School Introduction to
Computational Thinking and Programming**

Teacher Tip for Pilot

Visuals Used: Help to break down Python

- **Flowcharts-** Flowcharts are valuable tools for visualizing the flow of control in Python programs, especially for beginners learning programming concepts.

Example:



```
# Python program to find largest of two numbers
```

```
# Input two numbers
```

```
num1 = int(input("Enter first number: "))
```

```
num2 = int(input("Enter second number: "))
```

```
# Check whether num1 is greater than num2 or not  
if num1 > num2:
```

```
    max_num = num1
```

```
else:
```

```
    max_num = num2
```

```
# Print the largest number
```

```
print("The largest number is:", max_num)
```

```
Enter two numbers:
```

```
10 30
```

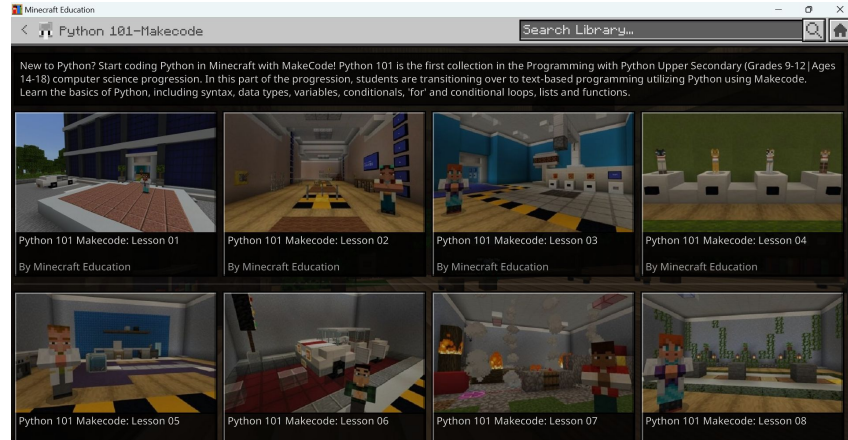
```
30
```

Teacher Tip for Pilot: Student FAQs

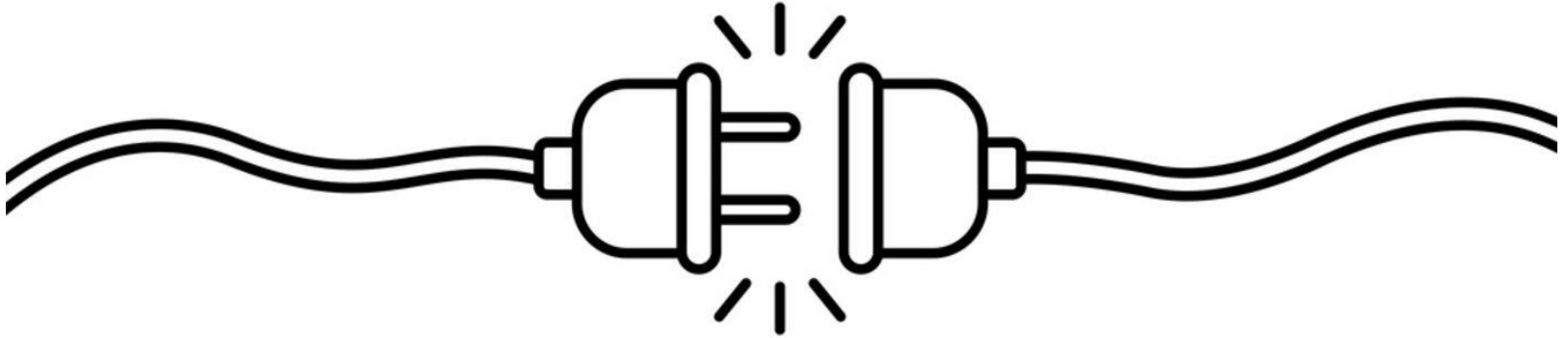
- [Unit 1](#)
- [Unit 2](#)
- [Unit 3](#)

Teacher Tip for Pilot: Lesson Pacing & Structure

- Lesson Presentations
- What do I do when students finish at different rates?



Teacher Tip for Pilot: Unplugged Activities



PILOT NEXT STEPS

Register for the Pilot

To receive special information and resources about the pilot,
please register here if you intend to participate:

info.kira-learning.com/may-2024-ms-pilot

There might be some special
surprises for participants!



Create a Teacher Account

Create an account at:

kira-learning.org/signUp/teacher/



Prepare for the pilot

- ❑ Coordinate access to computers with your principal
- ❑ Find out if Kira domain is whitelisted
- ❑ Prepare for your first class
- ❑ Send students instructions on what to expect

Join our Facebook Group!

Join our Facebook professional community at:
[facebook.com/groups/kirateachers](https://www.facebook.com/groups/kirateachers)

- Kira Ambassadors and staff will share tips throughout the pilot period
- You'll have an opportunity to discuss your experience with other teachers going through the pilot

Feedback for Kira

Goals

1. Understand how engaging and effective students felt the content was
2. Gather ideas and suggestions for improving Kira

Method

At the end of the pilot, we'd like to run optional surveys & interviews:

- Short survey (5 min) with students & teachers
- 1:1 interviews (30 min) with 3-5 teachers



ADDITIONAL RESOURCES

Kamp Kira: Virtual PD for Summer 2024

- Initial 2-hour webinar in June
- Online, individual, asynchronous Kira middle school coursework
- Weekly office hours
- More details will be shared via email list in coming weeks

TSIN CS Accelerator Week: Kira PD Sessions

- July 8-12 – Middle Tennessee State University, Murfreesboro
- Read more details on Accelerator Week [here](#)
- Kira is offering three workshops:
 - Middle School (grades 6-8)
 - High School (grades 9-12)
 - AP CS Principles (grades 9-12)
- [Register here](#)



District + School Leaders

Need support in figuring out what a district or school-wide implementation could look like for your districts and schools, including integration needs?

Would you like to learn more about Kira's professional development opportunities this summer to support your teachers' adoption of the Kira Learning courses?

BOOK A MEETING WITH US



Cristina Herndon
Sr. Customer Success Manager
Western Tennessee

meetings.hubspot.com/cristina-herndon



Molly Mulhern
Customer Success Manager
Eastern Tennessee

meetings.hubspot.com/molly-mulhern

Next Webinar

Thursday, May 2 at 4pm CT

Sneak Peek:

**Kira Product Changes
for the 2024-25 School Year**

Register Here: info.kira-learning.com/sneak-peek-2024-25



Thank you for your participation!

Further questions? Email us support@kira-learning.com

