

Dear educators and administrators,

We're thrilled to introduce the **Coding with Cornell Newsletter**, a bimonthly newsletter inspired by the **Coding with Cornell** book series for children in grades K-4, designed to bring the excitement of coding to your classrooms. Each edition will share valuable resources, inspiring projects, and actionable ideas to help you integrate coding into your curriculum, as well as a free poster to decorate your classroom.

Created by software engineer and youth coding instructor, Ronesha D. Dennis, the **Coding with Cornell** book series was written to inspire confidence in all young learners, and especially young learners from communities that are underrepresented in STEM.

Let's empower the next generation of innovators together!



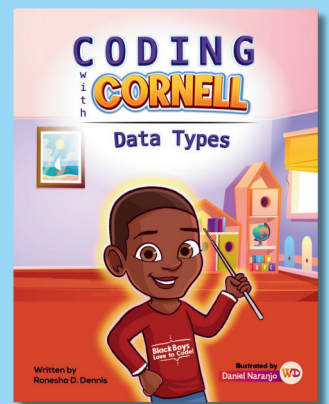
Did You Know?

Python is a **coding language** that can be used to build **games** like Roblox and MineCraft, **web and mobile applications** like Khan Academy Kids, and **video-streaming services** like Disney+ and YouTube Kids.



Book Spotlight

In **Coding with Cornell: Data Types**, young readers are introduced to the **integer**, **string**, **float**, and **Boolean** data types. An **integer** is a whole number. A **float** is a fraction or decimal number. A **Boolean** is either true or false. A **string** is any value that appears in quotation marks. In Python, data types can be stored in **variables**.



Code With Us

Try this exercise with your young learners!

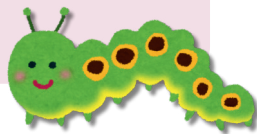
Prompt: Do you play video games? Have you ever wondered how those games remember the name of every player? The game stores the name of each player in something called a **variable**! A **variable** is a place where we keep information, such as integers (numbers) and strings (text).

This coding example uses **variables**, the **string** (text) data type, and the **print** function, which lets us show text on a screen.

```
player_one = "Cornell"
print("Player one's name is " + player_one + " and he's a great coder!")

player_two = "Cori"
print("Player two's name is " + player_two + " and she's a great coder!")
```

What does the first sentence print? What does the second sentence print?



Let Us Feature You

Coding with Cornell celebrates educators who are actively sharing coding and STEM content with their students. Send an email to features@codingwithcornell.com to be highlighted in one of our upcoming newsletters.

Code-Along with Our Author

Invite your students to participate in Code-Along activities on the website! Visit www.codingwithcornell.com or scan the QR code.

