

; fYYh]b[g''

Here in the Tidewater area, we are excited to see the first signs of spring! We hope you are seeing the same wherever you are in the Commonwealth. We also want to celebrate *Women's History Month* by showcasing five notable females who were [hYW\bc'c\[m'hfU\]V'UnYfg''](#)

This month's theme is artificial intelligence (AI). Scroll down for definitions and common applications, and for some great resources that can help students understand and find everyday examples of abstract concepts like AI and machine learning.

Like you, we are dedicated to integrating CS into the K-5 curriculum. If you have found another resource you old.

"Artificial intelligence is a growing and emerging field with many recent, widespread scientific and technological developments." This statement could conjure images of an apocalyptic scene of conscious metallic beings that puts the future of the human species in jeopardy. As educators, we can be in the business of curing such nightmares.

A computer system can be said to use AI if it even uses only one technology or concept that humans commonly have. A motion sensing device, for example, uses AI, since it mimics visual perception. Several other simple examples are speech recognition, language translation, and image recognition.

Machine learning -

J]XYc'zcf_]Xg. Argo's World has an excellent video about artificial intelligence that explains some of the fundamentals of how AI works with kid-friendly terminology and real-world examples that should be familiar to children living in Virginia, such as how AI helps predict coastal weather. Aligns with CS 3.14, 4.15, and 5.14. Artificial intelligence's influence on daily lives may be a difficult concept for K-2.

[5f\[c g' kcf'X' j\]XYc'cb'Mci h iVY'](#)

Interactive lesson ideas: digital technologies hub includes online interactive activities and lesson ideas where children can safely engage with machine learning programs to learn about how they work. One of the activi-

[7cadihYf'GW\]YbWY\]b'h\Y'7ca acbkYU'h\](#)

AI4K12 state team would like to share the following children's book as an instructional resource. The book provides a fun and engaging account of children deciding to have a lemonade stand and their journey in learning about data along the way. The book was written by K-12 AI education experts and children's authors ReadyAI in partnership with Cloudera. The book is recommended for elementary students aged 8-12 years old.⁹

[9b\[U\[\]b\['5''@YUfbYfg](#)

[Z`W`](#) [Yfy'](#) to visit ISTE's AI in Education page to discover ways to introduce AI into your classroom. Resources include a brief video that presents an overview of the ways that AI is already present in our daily lives, free guides for promoting AI creation in the classroom (available for multiple grade levels and in multiple languages!), case studies of teacher-designed AI projects, and links to blogs, websites, and podcasts about AI. One such podcast presented by Tess Posner, CEO of AI4All, discusses the challenges of diversifying the AI field with those from underrepresented populations, and ways to combat these obstacles. [Z`W` \Yfy'](#) to start listening to her 24-minute presentation!