

Greetings!

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.

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 in iÄ um b e no except M m !A t signed Alrg!A

"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 - the science of analyzing collected information to predict and decide the next step and draw conclusions - is a subset of AI. All machine learning is AI, but not all AI is machine learning. Machine learning (ML) is not currently sophisticated enough to match human consciousness, but simple ML applications are common and help us achieve our daily tasks. They include traffic prediction during our daily commutes, fraud detection in online banking systems, and the "people you may know" feature on social media.

[MACHINE LEARNING English Definition and Meaning | Lexico.com](#)

[ARTIFICIAL INTELLIGENCE English Definition and Meaning | Lexico.com](#)

Artificial Intelligence, or AI, is all around us – and schools are no exception. The International Society for Technology in Education (ISTE) is at the forefront of AI in education and provides resources for teachers, students, and parents to engage and immerse learners in the world of this adaptive technology. [Click here](#) 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. [Click here](#) to start listening to her 24-minute presentation!