

Skill Struck ®

AI Literacy

K - 12 AI COURSES WITH SKILL STRUCK

Skill Struck offers four courses for the following grade bands: Lower Elementary K-2, Upper Elementary 3-5, Middle School 6-8, and High School 9-12.

Grades K - 2: Introduction to AI

Young students explore how machines “sense” the world and how they differ from humans. They learn what makes something intelligent and get a first look at how AI systems make decisions.

Grades 3 - 5: Foundations of AI

Students investigate how computers see, hear, and make decisions, and they train simple models using labeled data. Through hands-on activities, students also explore how AI handles ambiguity of language and context to better understand the decision-making process. The course encourages critical thinking about bias and how AI affects their world.

Grades 6 - 8: Exploration of AI

Middle schoolers explore how AI systems learn, use data, and make predictions, with hands-on experiences in logic, perception, and neural networks. They also examine real-world applications and ethical implications.

Grades 9 - 12: Applications of AI

High school students explore artificial intelligence through hands-on projects and learn how it's changing industries like healthcare and entertainment. They build practical skills in machine learning, data analysis, and understanding the ethics behind AI.

- ✓ Courses include: textbook content, a quiz to check for understanding, lesson plans for teachers and supplemental materials, such as slide shows and handouts.
- ✓ Lesson plans include warm-ups and wrap-ups, along with plugged and unplugged activities.
- ✓ K-5 lessons are designed to be taught 2-3 times a month over a school year. Secondary lessons are designed to be taught 3 times a week over a semester.

