



Class Title: Red AI Literacy

Subjects Covered: Computer Science

Teacher Name: Sam Procopio

Class Day: Friday

Class Size: 18

Overall Class Cost: \$60

Individual Student Supply Fee: \$0

Class Fee: \$96

Ages or color group served: Red

What level is this class: Level 3

Prerequisites: No prior AI experience required. Students should have basic computer and internet skills and be able to bring an internet-capable laptop or Chromebook to class each week.

Graduation Requirements: Students must complete weekly assignments and a final capstone project.

Homework Requirements: Students should expect approximately 1 hour of homework each week. Students will be expected to complete assignments on time and come to class prepared to discuss what they learned.

Class Description:

AI is already part of our kids' world, so instead of avoiding it, this class will teach students how to use it well. Over 12 weeks, we'll explore when AI is helpful (and when it isn't), how to get better results, fact-check what it tells us, use it as a learning tool instead of an answer machine, recognize misinformation and deepfakes, protect our privacy, and navigate questions around AI and cheating. We'll also look at how AI is changing creativity, relationships, college, and future careers. Most importantly, students will learn how to take advantage of what AI can do without letting it replace their own ability to think, learn, and create.

Week 1:

AI Is Not Magic: Students will learn what generative AI actually is, how it produces answers, and why an AI response can sound incredibly confident while still being completely wrong.

Week 2:

Should I Use AI for This?: Students will learn how to decide when AI is a useful tool, when it should be used cautiously, and when relying on AI could actually interfere with learning, creativity, or good judgment.

Week 3:

How to Actually Talk to AI: Students will learn practical prompting skills that help them get better results from AI. We'll focus on giving context, setting constraints, asking better questions, and refining responses instead of simply accepting the first answer.

Week 4:

AI Lies: Students will discover how AI can hallucinate facts, sources, and information. They'll practice fact-checking AI responses and learn why AI should never automatically be treated as a reliable source.

Week 5:

Make AI Your Tutor: Students will learn how to use AI to actually learn—getting hints, explanations, practice problems, quizzes, and personalized tutoring rather than simply asking it to complete their work.

Week 6:

AI + Writing: We'll explore appropriate ways to use AI for brainstorming, feedback, editing, and improving writing while preserving the student's own ideas, skills, and voice.

Week 7:

School, Cheating & AI Ethics: Where exactly is the line between getting help and cheating? Students will work through real-world scenarios involving homework, essays, research, and AI policies and develop their own responsible approach to academic AI use.

Week 8:

Deepfakes, Fake News & the New Internet: Students will explore AI-generated images, videos, voices, fake news, and misinformation. More importantly, they'll learn practical strategies for determining whether something they encounter online is actually trustworthy.

Week 9:

Privacy, Safety & AI Relationships: What information should never be shared with an AI? We'll discuss privacy and personal information as well as the growing use of AI for advice, companionship, and emotional support and where healthy boundaries belong.

Week 10:

AI Isn't Neutral: Students will investigate bias in AI and discover how training data, stereotypes, missing perspectives, and even the wording of a question can influence the answers AI provides.

Week 11:

AI, Jobs & Your Future: Rather than asking whether AI will "take everyone's jobs," students will examine how AI is changing careers and identify the human skills likely to become even more valuable in an AI-powered world.

Week 12:

The AI Challenge: Students will put everything together by using AI to help solve a real problem or create something genuinely useful. They'll demonstrate not just that they can use AI, but that they know when to use it, when not to use it, how to verify it, and when their own thinking matters more.