

## R. Ezzedine Technology Applications Lesson Plan Series

### Order of Lessons

1. AI Around Us – Exploring Everyday Examples
2. Tracing AI's Journey – From Turing to Today
3. AI in Daily Life – Helpful or Risky?

## Instructional Considerations

### Prior Knowledge

- Students may have heard of AI (Siri, chatbots, YouTube recommendations) but may not understand the difference between AI and ML.
- Clarify misconceptions, e.g., AI ≠ just automation or ML ≠ magic.

### Differentiation

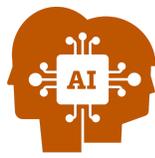
- Provide visual aids like timelines, diagrams, or icons to help visual learners.
- Offer scaffolded research sources for students who may need guidance on reading and synthesizing information.
- Pair students strategically for Think-Pair-Share to support collaborative learning and peer scaffolding.

### Engagement & Relevance

- Use real-world examples (Netflix, voice assistants, self-driving cars) to make concepts relatable. Incorporate interactive tools like MindMeister and Google Slides to actively engage students.

### Pacing & Time Management

- Allocate enough time for Think-Pair-Share, research, and timeline creation, while leaving space for discussion.
- Have pre-selected examples and sources ready to prevent research delays.



## **Assessment & Feedback**

- Formatively assess understanding through Think-Pair-Share discussions, timeline accuracy, and reflection questions.
- Encourage students to justify their reasoning, linking claims to evidence from their research.

## **Classroom Environment**

- Ensure students have digital access for research and collaborative tools.
- Foster an atmosphere where questions and uncertainty are valued, especially for “Not Sure” examples in AI vs ML sorting.