

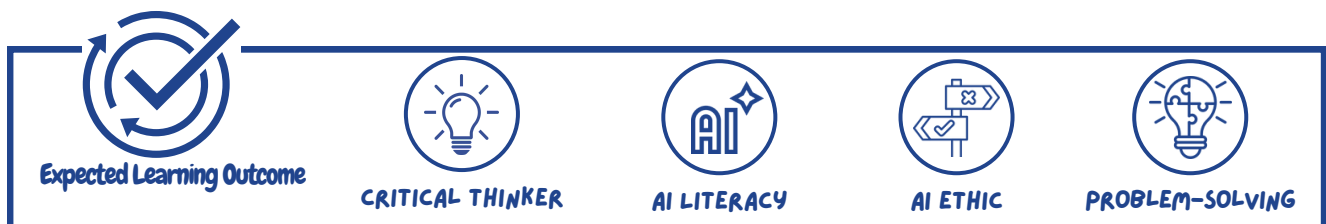


AI Explorer

11-12 Years old

COURSE DESCRIPTION

A hands-on introduction to Artificial Intelligence (AI) for young learners, blending practical projects with discussions on AI applications and ethics. The course aims to spark curiosity and build critical thinking about AI's societal impact.



TOPIC COVERS

AI Learning Tools	AI and Machine Learning	AI Project Creation	Training AI Models	Ethical Implications of AI
Real-world AI Applications	AI Face Sensing	AI with Scratch	AI Discussion and Debate	End of Course Project

COURSE RUBRIC

Quizzes: 10%
Attendance: 10%
Homework: 10%
Class Participation: 20%
End of Course Project: 50%



TEACHING/LEARNING APPROACH

- **Interactive Discussions:** Guided conversations that foster curiosity and real-world connections.
- **Hands-On Projects:** Practical tasks that enhance understanding of AI concepts through creativity and experimentation.
- **Scenario-Based Learning:** Real-life problem-solving scenarios to explore AI's ethical, social, and technical aspects.
- **Collaborative Exploration:** Team activities that encourage shared inquiry and diverse perspectives on emerging technologies.

PARENTAL SUPPORT

Parents play a key role by encouraging regular attendance, showing interest in their child's projects, and supporting practice at home. Active involvement reinforces learning and keeps students motivated.

STUDENT COMMITMENT

This weekend course requires consistent attendance, focus during sessions, and a willingness to explore and complete projects. A positive attitude and steady participation help students gain the most from the program.

Important Note: To receive a Certificate of Completion, students must attend at least 60% of the total class sessions (8 sessions out of 12).

Rev. 2.0 / 02 May 2025