Change the World with "Hour of AI"
(Formerly Hour of Code)

"*The Internet has significantly changed how people communicate, work, collaborate, engage in commerce, and think. Educators need to understand how our technologically advanced world has affected today's students and design classrooms that better suit their learning modalities*" (Sulla, 2019).

What began as the Hour of Code, a global movement to introduce students to programming, has now evolved into the **Hour of AI**. As artificial intelligence (AI) becomes more integrated into our daily lives, it's essential that students move beyond simply using technology to understanding and shaping it.

Hour of AI (hourofcode.org) offers students the opportunity to explore how AI systems work and how they can be designed ethically and responsibly. Explore how leveraging AI can support achievement and offer opportunities to build the necessary career and life skills.

- **Creating Equitable Learning Environments:** "*Regardless of students' abilities or backgrounds, all students deserve the right to learn through compelling problems, seeking solutions that require higher-order thinking*" (Sulla, 2019). AI exploration promotes equitable learning experiences in the following ways:
    - Using accessible AI tools and concepts (such as training a model with images or making predictions) gives all learners entry points.
    - It opens doors for underrepresented groups in tech, especially girls and students from underserved communities, to shape the future of AI.
    - It teaches students to question bias and fairness in the data driving AI systems.

- **Building Executive Function Skills:** Through the application of higher-order thinking skills, students build executive function skills. Consider how coding or leveraging AI can build executive function skills.

- **Promoting 21st Century Skills:**
    - **Collaboration:** Students can team up to problem-solve and create innovative solutions, helping them accept and appreciate the opinions of others.
    - **Creativity:** Students brainstorm and experiment, and are encouraged to generate a variety of ideas, without judgment, thus fostering confidence.
    - **Communication:** Students have the opportunity to develop the essential skills of sharing their ideas and providing feedback to others.
    - **Critical Thinking:** Students are challenged in an authentic way to build

their skills around problem solving and mental flexibility.

- **Developing a Felt Need for Learning:** Real-world AI challenges (e.g., designing a chatbot) spark relevance and authenticity.

- **Fostering a STEM/STEAM Connection:** Today's job market requires employees to solve problems and design solutions. Many schools have prioritized STEM/STEAM education to prepare students for the world of tomorrow. AI is a rapidly growing field within STEM/STEAM that provides students with a meaningful way to explore machine learning, data, logic, ethics, and creativity. The IDE Corp. Design Process enables students to tackle real-world challenges through a human-centered lens.

EDQUIDDITY
EDUCATION FOR YOUR WHATNESS