AI
Building Brains with Bricks
HOW ARTIFICIAL INTELLIGENCE LEARNS AND GROWS

SERVE GROW THRIVE MAKE

Learn More about AI and Me!

What is Artificial Intelligence

AI stands for Artificial Intelligence! We can teach computers to learn, much like our brains do. We used LEGO's to understand how AI learns and builds on itself.

Simple Learning - The First Brick

Imagine a simple AI that knows one thing, such as how to recognize a red brick. It learns this from a single piece of information, much like someone showing it a red brick and saying, "This is red!".

Building on Knowledge

Real AI needs to learn much more than just one thing! Just as you wouldn't build a house with one brick, AI doesn't learn everything from a single piece of information.

- First, an AI may learn to recognize a blue brick, followed by a green brick, and then a yellow brick.
- Every new LEGO brick you add symbolizes a new piece of information or skill that your AI is learning.
- As you continue to add bricks, you begin to notice a more intricate shape or pattern!

AI Builds on Itself

It takes simple patterns and the information it has learned, combining them to understand more complex ideas, recognize intricate concepts, or even create new things.

AI Builds on Itself in the Real World Too!

Just like you build something cool and complex from simple LEGO bricks, AI takes small pieces of information and constructs them into bigger, smarter ideas and abilities. It's always learning and building on what it knows, becoming increasingly capable!