

# ARTIFICIAL INTELLIGENCE

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# Artificial Intelligence?



# Artificial Intelligence



# In the Near Future



# What's this seminar about?

- What are some of the big ideas that make all this possible?
  - No math or computer science background necessary!
- Broader questions
  - What constitutes “intelligence”?
  - What is creativity? Can computers be creative?
  - Societal implications?
  - Will we need “robot bill of rights”?
  - Will the machines actually take over?

# Content/Pedagogy

- 8<sup>th</sup> Grade Integrated Science
- Microbiology
- Biotechnology Careers in North Carolina
- Ecology
- Energy
- Hydrology
- Writing Prompts
- Methods
- Literacy
- Demonstrations/experiments

# How the Artificial Intelligence CU Relates to Standards/content

- hook students
- Earth
- Life
- Physics
- Math
- Consumer Science
- Business/Finance/Marketing
- Microbiology
- Biotechnology Careers in North Carolina
- Ecology
- Energy

# My Essay

- As a teacher of integrated science, artificial intelligences encompasses many of the areas studied in 8<sup>th</sup> grade science. One example is the use of microbes to clean up radiation disasters, such as just occurred in Japan, or clean up oil spills in the ocean. Scientists are already working on these microbes on a Nano level as we speak. The discipline of artificial intelligences can be applied to any area of a classroom. Can we create robots to explore other worlds and make their own decisions about their survival and what they choose to explore based on the data at hand? Can we create Nano robots that can go inside the body and destroy cancer cell and there preventing new cancer cells from being created and make decisions on what to do while in the body based on the data at hand? Yes; the technology is close to becoming a reality (I could teach this in the hydrosphere unit or the ecology unit).