



Agenda 8/9: Exploratorium October 1st - 11th

The Driving (Big) Question:

How do gifted learners develop the **critical thinking, creative problem solving**, research and **communication skills** required to successfully navigate (face challenges) the 21st century?

Great Words to Think About:

"We are made wise not by the recollection of our past, but by the responsibility for our future." George Bernard Shaw

Questions for Week 8/9:

1. What is AI? What possible impact might it have on the future?
2. How can **creative problem solving help me identify potential challenges at the intersection of technology and identity?**
3. How do I acquire, curate, use and archive information to construct knowledge in an information dense world?* (Keeping an annotated bibliography)
4. What is the [*Future Problem Solving*](#) Process? How can it provide a framework for identifying challenges?
5. How can future studies techniques improve the identification of potential future challenges?

The Story So Far ...

We introduced **Step 1** of the Future Problem Solving Process to examine some of the possible challenges artificial intelligence might pose in the 21st century. While looking at the roles that both critical thinking and creative problem solving added to understanding a challenge, we began to apply future studies techniques to identifying challenges.

And Now ...

We continue our investigation into some the future challenges posed by artificial intelligence. During the next 2 weeks we will add techniques to our future studies toolbox. We will gather research data, apply FS techniques, and develop high quality challenge statements. Using a "Fuzzie," or Future Scene, will test ourselves on our skills and knowledge.

Possible Tasks / Activities:

- a. Acquire, curate and use information to answer the question, "What are some possible challenges AI might cause in the future?"
- b. Understand and utilize creative problem solving tools to generate possible challenges.
- c. Begin the process of "Future Think."

Possible Products:

1. Create 4 challenge statements from AI research. Improve fluency and flexibility. Apply Future Studies Techniques to your acquisition of information.
2. Keep an annotated bibliography of AI research.
3. Be able to articulate the reasons the FPS process might be useful to navigate the 21st century.

