Reflection: Stephen Chu

What does it mean to be successful, and how can success be used to change the world for the better?

Stephen Chu was the US Secretary of Energy. He holds at least 10 patents and a list of honorary university degrees. He has written hundreds of scientific papers. He is a member of the Royal Academy of Engineering, the National Academy of Sciences, the American Philosophical Society, the Chinese Academy of Sciences, and the Institute of Physics. In 2014, he gave the Romanes Lecture at Oxford on climate change.

Questions:

1. What questions would you ask Stephen Chu?

2. How might he prepare for a speech?

3. Which award do you think is his favorite?

4. Research Stephen Chu using the text. Do a text-to-self comparison
   - compare the text to you & your life (how the characters & events relate to you and your life)
5. Research the difference between physics and another science such as chemistry or biology.

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7. Chu was former President Obama's Secretary of Energy.
   - Create a timeline of three milestones that occurred during that time.

Notes:
Reflection: Victoria Manolo Draves

What does it mean to be a pioneer, or trailblazer, and how can it inspire a group of people?

In 1948, Victoria Manolo Draves was the first American woman diver ever to get gold medals for both the ten-meter platform and the three-meter springboard. She was the first Asian-American, man or woman, to win Olympic gold medals. In LIFE magazine in 1949, she was named one of the top two US athletes competing at those 1948 Olympics. Before Olympic in London, she was winning national competitions.

Questions:

1. How might her Filipino heritage help her goals?

2. What struggles might she face becoming a pioneer?

3. How might one practice for diving?

4. Research Draves using the text. Write a first-person essay as if you are her, before winning Olympic gold. - Use facts and dates from the text.
5. The ancient Olympics are over 3,000 years old. The modern version goes back to the 1800s. 
- Research the improvements in the equipment used by Olympians to win gold and break records.

6. Athletes past and present support social causes all the time. 
- Research two athletes that broke color or gender barriers, and compare their stories.
How hard might it be to succeed, coming from another land?

Shahid Khan, the billionaire Pakistani-American that owns the Jacksonville Jaguars football team, is a board member of the NFL Foundation, and owns a Premier League soccer team. He almost bought England's Wembley Stadium. He invested in All Elite Wrestling. In 1967, young Khan had barely any cash to his name. He started by washing dishes, sleeping at a YMCA, and making bumpers for cars.

Questions:

1. What good would you do if you were a billionaire?

2. What difficult jobs would you do to earn money?

3. How would you define the word focus, and what examples can you give?

4. Using the text, find what you think are the three most important events in Khan's life on his way to success. - Explain why you think so.
5. Engineering is part of Khan's success. Research examples of innovation in engineering, such as architecture, bridge design, car design, etc. What part of the design is interesting and innovative?

6. It doesn't take billions to do good in the world. Research and compare two socially-minded people. - Find two that are quite different in terms of cultural or financial background.

Notes:
Reflection: Dolly Gee

Why is justice important in society?

Questions:

1. What might it feel like to be denied education?

2. Why might being a judge be a difficult job?

3. What does 'undocumented' mean to you?

4. Determine from context what a 'comfort zone' is.
   - Write a personal recount about a time you achieved beyond your own comfort zone.
5. Choose a topic from recent headlines where people might have different opinions, such as the subject of immigration, treatment of migrant workers and families, etc.
- Create a persuasive argument based on facts, dates, and events in the book.

6. Research two other immigrant groups, specifically the treatment and injustice they faced, and whether laws existed to protect them and their families.

Notes:
Reflection: Daniel K. Inouye

Are actions like civil protest and military service a duty?

Questions:

1. What challenges might he have faced being of Japanese heritage in the American military?

2. What values should a president hold dear?

3. What makes a good citizen?

4. Using the text, craft a letter as if written to president Nixon or Reagan as to your feelings on their abuse of power. The letter can be from you, or you can write in the persona of Inouye.
5. Research new vocabulary. Make a prediction as to the meaning of the word from context first.
- Words: witness, guerilla, rebellion, domestic, impeachment, etc.

6. Compare and contrast Watergate to the Iran-Contra scandal using a timeline, Venn diagram, or other graphic organizer.

Notes: