**Saskatchewan Agriculture**

1. Brainstorm a list of as many agricultural crops grown in Saskatchewan as you can.
2. Predict what the top 5 crops grown in Saskatchewan are in terms of amount of land used to grow them.
3. Predict what the top 5 crops grown in Saskatchewan are in terms of economic value.
4. Predict the 3 countries Saskatchewan exports the majority of its agricultural products to.
5. Predict how many chickens and cows were grown for food in Saskatchewan in 2013.
6. Using the statistics fact sheets, what are the actual answers to questions 2, 3, and 4 as of 2013.
7. Using the statistics fact sheets, what are the 3 countries that import the most food in the world? What are the 3 countries that export the most food in the world? What is weird about this list? Suggest 2 ideas that could explain the weirdness.
8. Using the statistics fact sheet, determine how much money is made by a farm in Saskatchewan on average.
9. In google, type in international wheat production and go to wikipedia. What are the top 5 countries in terms of production and where does Canada sit?
10. In google, type in international canola production and go to wikipedia. What are the top 3 countries in terms of production and where does Canada sit?
11. In google, type in international lentil production and go to wikipedia. What are the top 3 countries in terms of production and where does Canada sit?
12. In google, type in international barley production and go to wikipedia. What are the top 3 countries in terms of production and where does Canada sit?
13. Using the dissecting microscope, draw the following seeds in as much detail as you can:
    1. Wheat, Barley, Canola, Peas
14. Describe 2 uses for each of the crops in the preceding question.
15. Research 5 different diseases or infestations that affect agricultural crops in Saskatchewan and answer the following questions
    1. Name and type of disease/infestation (fungus, insect, bacteria, etc.)
    2. Provide 3 effective images of the disease/infestation that illustrate what an infection looks like.
    3. How/why the disease operates to infect (include the kinds of conditions that are likely to make the problem worse and where the problem comes from)
    4. How much does the disease affect the farmers of Saskatchewan financially (the amount of money lost to the disease/infestation)
16. What are the 5 largest industries in Saskatchewan?
17. In 100 words predict how climate change is going to affect the agricultural industry in Saskatchewan in terms of economics, food production, and global standing.