**Modern Marvels: Harvesting – Audience Guide – DURING VIDEO - NOTES**

While watching the video take notes (bullet points) below so you can complete the follow up questions after the video.

1. How do photo imagery and GPS improve agriculture?
2. How many acres could be harvested with a scythe? What was its drawback? How was it improved?
3. Who invented the reaper? Why did this modernize ag?
4. Hyro Moore had a dream about what piece of equipment?
5. Who invented and what year was the mechanical cotton picker introduced? How is cotton harvested?
6. How does rice grow? (Think of how to compare to WI cranberries)
7. What is precision agriculture? How does this help the farmer?
8. What happens to the sugar beets once they are flailed?
9. How did the tomato crop almost fail? What advancement caused the rise in tomato production?
10. How are walnuts harvested? (Think of how to compare to WI cherries)
11. Why are olives still handpicked? Why is a mechanical harvest not as productive?
12. Why is hand harvesting of lettuce a safety concern? Urbanonics?
13. How can Florida be competitive in the orange harvest with new technology?

**Modern Marvels: Harvesting – Audience Guide – AFTER VIDEO – REFLECTION**

After watching the video answer the questions below using details you took on the opposite side/opinion/research. Write below in complete sentences or type a google document and share. PROVIDE EVIDENCE & REASOINING.

1. Describe the evolution of agricultural harvest between using a sickle to robotics.
2. Choose a Wisconsin commodity and explain how it is harvested and how this harvest is similar to other commodities.
3. Explain why it is important to use technology in harvest to make farming, agriculture and food prices more efficient.