Development of Agriculture and Society

*In the beginning, Nomads followed herds of animals and gathered food. When they discovered that they could seed grain and harvest it, they no longer needed to follow a food source. This allowed people to live in one place, thus the beginning of civilization.*

* Origins of Grain
	+ Wheat = \_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_
	+ Corn = \_\_\_\_\_\_\_\_\_\_
* Explorers would bring \_\_\_\_\_\_\_ to North America, and return with \_\_\_\_\_\_\_.
* Agriculture 250 Years Ago
	+ \_\_\_\_% of the US Population Farmed
	+ Each Farmer produced enough food to feed and clothe \_\_\_ people
	+ Most of the work was done by hand- some animal power was used
	+ People used the *\_\_\_\_\_\_\_\_\_\_\_\_\_\_* to exchange goods and services.
* 250 Years Ago
	+ Families were self-sufficient by producing their own
* Significant Events- 250 Years Ago
	+ 1793- Eli Whitney invented the cotton gin.
		- The cotton gin helped remove seeds form the short staple of cotton, and the demand for cotton grew. Cotton was used in the US and exported as well!
* Agriculture 200 Years Ago
	+ \_\_\_\_\_% of the population still farming
	+ Each farmer produced enough to feed and clothe \_\_\_\_\_\_ people
	+ The barter system was used mostly for trading soap, candles, medicines, and shoes
	+ Families were becoming \_\_\_\_\_\_ self-sufficient
* Significant Events- 200 Years Ago
	+ \_\_\_\_\_\_- Cyrus McCormick developed the *mechanical reaper*. Mechanical reaper was the forerunner of the grain combine and was used for wheat.
	+ \_\_\_\_\_\_- John Deere began manufacturing plows. With this invention the fertile ground could be plowed under and cultivated
* Agriculture 150 Years Ago
	+ \_\_\_\_\_% of the population farmed
	+ Each farmer produced enough for \_\_\_ others
* Significant Events- 150 Years Ago
	+ \_\_\_\_\_- Michigan and Pennsylvania established the first state agriculture colleges. Justin Morrill a senator from Vermont introduced a bill to provide funds to establish schools to teach practical methods of producing food and fiber. These schools would also be conducting *scientific research*.
* Significant Events- 150 Years Ago
	+ \_\_\_\_\_\_- President Lincoln created the first Department of Agriculture. (USDA)
	+ The \_\_\_\_\_\_\_\_\_\_ passed providing land to each state to build a college for common people. The purpose was to teach agriculture and mechanical arts.
* Significant Events- 150 Years Ago
	+ \_\_\_\_\_\_- Transcontinental railroad was completed.
	+ \_\_\_\_\_\_- Congress passed the *Hatch Act.* This allowed states with land grant colleges to establish experiment stations.
	+ \_\_\_\_\_\_- The first grain silos were built
	+ \_\_\_\_\_\_- *Hybrid Corn*, which is produced by crossing different varieties was introduced
* Agriculture 100 Years Ago
	+ Only \_\_\_\_% of people farmed
	+ Each farmer produced enough for \_\_\_\_ others
	+ Gasoline \_\_\_\_\_\_\_\_ were introduced
	+ Banks began loaning money to farmers to purchase \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_
	+ Farm families produced most of their own \_\_\_\_\_\_and \_\_\_\_\_\_\_\_, and consumers had more needs.
* Significant Events- 100 Years Ago
	+ \_\_\_\_\_- The *Smith-Lever Act* was passed by congress.
	+ \_\_\_\_\_- The *Smith-Hughes Act* was established. This allowed agriculture to be taught in high schools.
	+ \_\_\_\_\_- The Farm Credit Administration was established
	+ \_\_\_\_\_- The school milk program was initiated
	+ \_\_\_\_\_- A general agreement on tariffs and trade was negotiated
* Agriculture 50 Years Ago
* \_\_\_\_\_\_\_% of the US Population was farming
* Each farmer produced enough for \_\_\_\_\_ others
* Gas tractor was in general use, \_\_\_\_\_\_ still outnumbered tractors as the main source of farm power
* Banks provided capital to farmers. Farmers tried to avoid borrowing because of massive farm losses and foreclosures in the 20’s and 30’s.
* Significant Events 50 Years Ago
	+ \_\_\_\_\_- The mechanical tomato harvester was developed.
	+ \_\_\_\_\_- The national food stamp program was passed.
	+ \_\_\_\_\_- More farmers used *Integrated Pest Management (IPM)*
	+ \_\_\_\_\_- Passage of the *North American Free Trade Agreement (NAFTA)*
* Agriculture Today
	+ Less then \_\_\_\_\_% of US population is involved with production agriculture
	+ Each farmer produces enough for \_\_\_\_\_ others
	+ Many gov’t programs are available to help stabilize production and processing, insure supplies, limit soil erosion and regulation.
	+ For every dollar produced by agriculture, 6-8 other dollars are generated in a community
* Significant Events
	+ The US supplies \_\_\_\_\_\_ of the grain sold on the world market
	+ The number of farmers have\_\_\_\_\_\_\_\_, but related agriculture jobs has \_\_\_\_\_\_\_\_\_\_\_\_\_