

Outline for First Semester Paper

time

Remember:

- You can make the questions into separate paragraphs if you wish.
- Each paragraph (except for the conclusion) must contain a claim (topic sentence), historical evidence and supportive reasoning.
- Outline should contain in-text citations for each body paragraph.

I. Introductory paragraph

Islam is a religion that dates back to the migration of muhhamed. They are credited with some interesting things such as some math and geographical breakthroughs. The windmill is an amazing invention that was used to utilize the power from the wind as well as control it.

- A broad historical overview related to your civilization from prehistory through 1500 CE. including other innovations of your civilization (HINT - the other inventions that your group is researching)
- Explanation of what was going on in your civilization when the innovation was created/further developed

Thesis: The development (invention of) the windmill in the islamic world(Persia) had a significant impact in that it harnessed the wind for human use such as pumping water, and grinding grain.

II. 1st Body Paragraph

The development of the windmill by the muslims began around the
Topic Sentence:

The development of the windmill by the Muslims began around 200 to 100 BCE. The windmill was created to pump water and grind grain. The first windmills were made from a vertical axis and woven reed sails.(Ragheb, 130).

- A detailed description of the specific "important" development of that Innovation
The development of the windmill by the Muslims began around 200 to 100 BCE. The windmill was created to pump water and grind grain. The first windmills were made from a vertical axis and woven reed sails.(Ragheb, 130). The windmill was needed because it “converts kinetic energy of air (wind) into other forms of energy.”(Iranian cultural heritage, handicrafts and tourism organization). The early windmills were put on a high platform to harness the maximum amount of energy, they had sails that caught wind and spun to spin an axle to pump water or grind grain.

- Why was it needed? To help with harnessing wind to use for pumping water.
- How did it work? It spun a sail and spun a wheel that was connected to an axle that could do multiple things

III. 2nd Body Paragraph - First Impact

The windmill impacted the Iranian civilization by pumping water from wells or from place to place therefore using less manual labor. This helped by making water easier to obtain, helping the civilization to flourish. The windmill was adopted by many other civilizations such as the Chinese and the Egyptians. The innovation of the windmill made life easier because you didn't have to go to a well every day and work to bring the water up because the windmill did it for you.

- Questions to consider
 - How did the innovation impact civilization? It helped with farming
 - How did the innovation make the civilization stronger? It could make things more efficient in the civilization
 - Did the innovation impact other civilizations? We still use it today
 - Did the innovation have negative consequences? If so, what were they? Not that i know of
 - Did the innovation make day-to-day life easier? Yes, it could help with grinding grain

IV. 3rd Body Paragraph - Second impact

The windmill was helpful in that it could grind grain faster than a human could. The work was less so people could focus on other things in day to day life. This was used in Egyptian society to grind sugar cane for molasses(Ragheb, 133). Windmills made baking as well as farming much easier for worker because they didnt have to focus on grinding the grain.

- Questions to consider
 - How did the innovation impact civilization? It could give them more water use
 - How did the innovation make the civilization stronger? It made less work to pump water
 - Did the innovation impact other civilizations? Yes, we still use it today
 - Did the innovation have negative consequences? If so, what were they? Not that i know of other than land usage.
 - Did the innovation make day-to-day life easier? It helped with pumping water so a human didnt have to.

V. Conclusion

The development (invention of) the windmill by the Muslims had a significant impact in that it harnessed the wind for human use such as pumping water, and grinding grain. The windmill

made life easier in the muslims life by making easier the obtaining of water and grinding of grain. The windmill spread to other civilizations like Egypt and China.

- Restate Thesis The invention of the windmill by the muslims had a significant impact in that it Harnessed the wind, and helped in farming(second impact).
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- Summarize main points

There should be NO NEW information in your conclusion unless it's a direct quote.