

Quiz #3

- 1) During this period, France, Spain, and New Spain traded books on different Knowledge such as some factors having to do with chemistry, Physics, Mathematics, and mining. The implication for the growth of Enlightenment Knowledge in New Spain was to introduce the people of New Spain to teach them a lot more about advanced Knowledge. Such as medicine, pharmacy, Health factors, Scientific topics, and Mathematics. They were interested with Scientific topics and advanced Knowledge.



- 3) University of Caracas - they were developed to introduce Enlightenment philosophy. They taught Newton's and Copernicus theories in their philosophy or Mathematics lessons. ^{Did not allow Newtonian teaching right away}
University of Quito (Universidad Gregoriana) - the first institution that permitted the teaching of Enlightenment philosophy. Developed to introduce enlightenment philosophy

Santa Fe University (Universidad Javeriana) - taught Newton's and Copernicus theories in their philosophy and Mathematics lessons. Developed to introduce enlightenment philosophy.

They were all founded with Enlightenment ideals in mind, and they all taught concepts from Newtonian physics.

Comparisons of Adoption of Scientific Revolution

- 4) They say that the cultural dynamics of the different viceroyalties cannot be studied without stressing the importance and economic priority of each. Jose Celestino Mutis helped cause the findings of Escuela de Minas, the Jardin Botánico, and the Colegio de Cirugía. Professor Ignacio Baroloche exemplified a case that showed a constant, eager debate caused by the incorporation of Enlightenment philosophy.

- 5) Both Jesuit and Dominican schools and universities could grant academic degrees. Jesuits taught Newton's physics first but were banished from the Viceroyalty. In 1767, Dominicans were able to monopolize education. This gave Dominicans the ability to request donations, building, and other needs to help develop the universities in their communities.

6) The Crown took control of education by enacting its rights of "Royal Patronage" and fully reestablishing the Regium Execuator, which bequeathed to the state the control of public education and of university studies. The Crown wanted to charge for education and did not want to make it free for everyone. The Crown wanted to control what everyone was learning and wanted to teach what they wanted. They wanted to make it harder to earn a degree.

Extra Point The control of education grants political control because when you control education, you control what people learn and you teach what you want. You have control over what everyone learns and it grants you power through education. The power to confer degrees gives someone political power because you choose who and who does not get a degree. You also choose the circumstances and the things people have to accomplish to get a degree.

Advent of Newtonian Physics in Nueva Granada

7) Charles de la Condamine wanted to prove and test Newton's assertion that the Earth was a sphere flattened on both poles. He wanted to prove Newton's assertion about the Earth being flat at its poles. The Cultural Outcomes, according to Humboldt's writings, show that the interest in scientific investigation in these territories should be attributed among other factors, to influence exerted by Bouguer and La Condamine's expedition.

8) The Jesuits were the catholic religious order that first taught Newtonian physics in Nueva Granada. No this order did not always teach Newtonian physics.