













Galileo knew that you could not fall off the earth.





**Observation:** Every year in the spring, the Nile River flooded areas of Egypt along the river, leaving behind nutrient-rich mud that enabled the people to grow that year's crop of food. However, along with the muddy soil, large numbers of frogs appeared that weren't around in drier times.







Recipe for Bees:



Kill a young bull, and bury it in an upright position so that its horns protrude from the ground. After a month a swarm of bees will fly out of the corpse.



Jan Baptista van Helmont's recipe for mice:

Place a dirty shirt of some rags in an open pot or barrel containing a few grains of wheat or some wheat bran, and in 21 days some mice will appear. There will be adult males and females present, and they will be capable of mating and reproducing mice.





"How many students came to school today?"

"Why did you come to school today?"





















## Put on your thinking caps

An insurance company is claiming that white cars are safer than other cars. Work with a partner and form a model for a research project that would determine the validity of the "white- car claim."

## Experiment Observation Hypothesis Question Repeat Conclusion Prediction