



General Chemistry

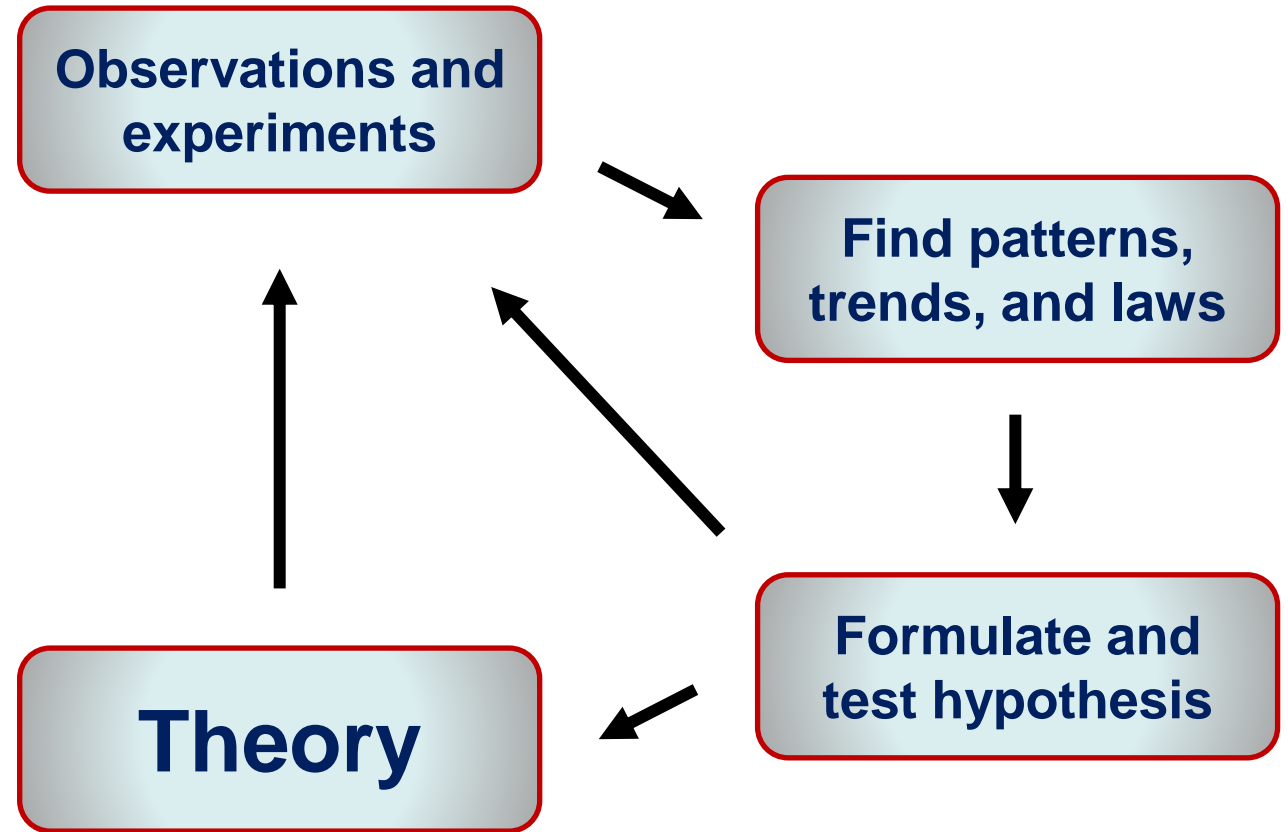


Matter and Measurement

The Scientific Method

The Scientific Method

The scientific method is simply a systematic approach to solving problems.



As regards his method, Aristotle is recognized as the father of scientific method because of his refined analysis of logical implications contained in demonstrative discourse, which goes well beyond natural logic.



Aristotle
(384–322 BC)

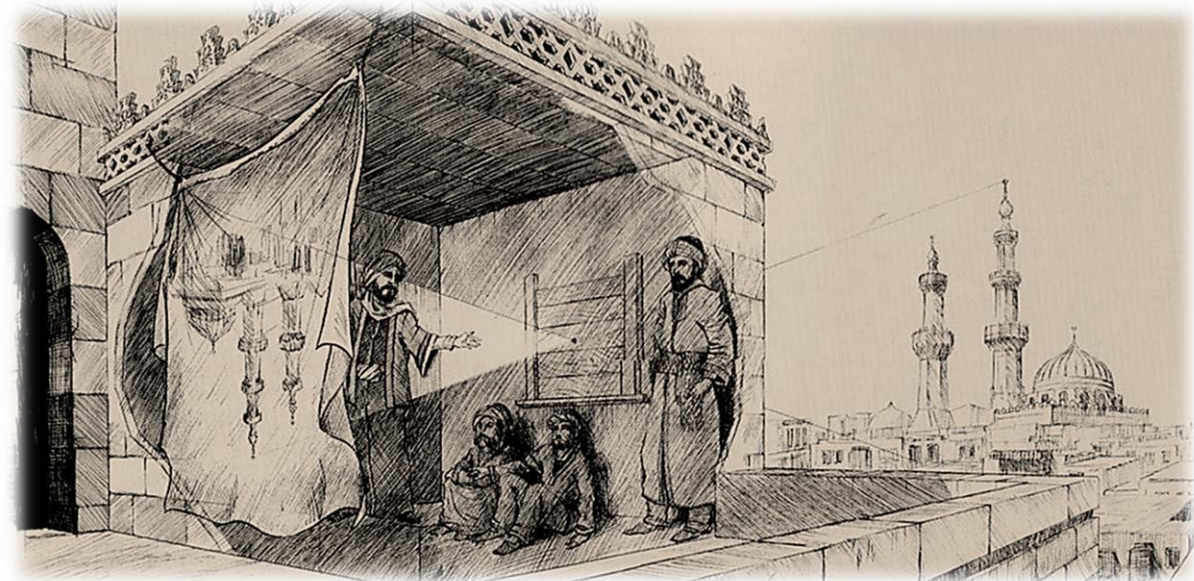
According to many historians, Ibn al-Haytham considered to be the father of modern scientific methodology, due to his emphasis on experimental data and reproducibility of its results. He was the first to make a systematic use of the method of varying the experimental conditions in a constant and uniform manner.



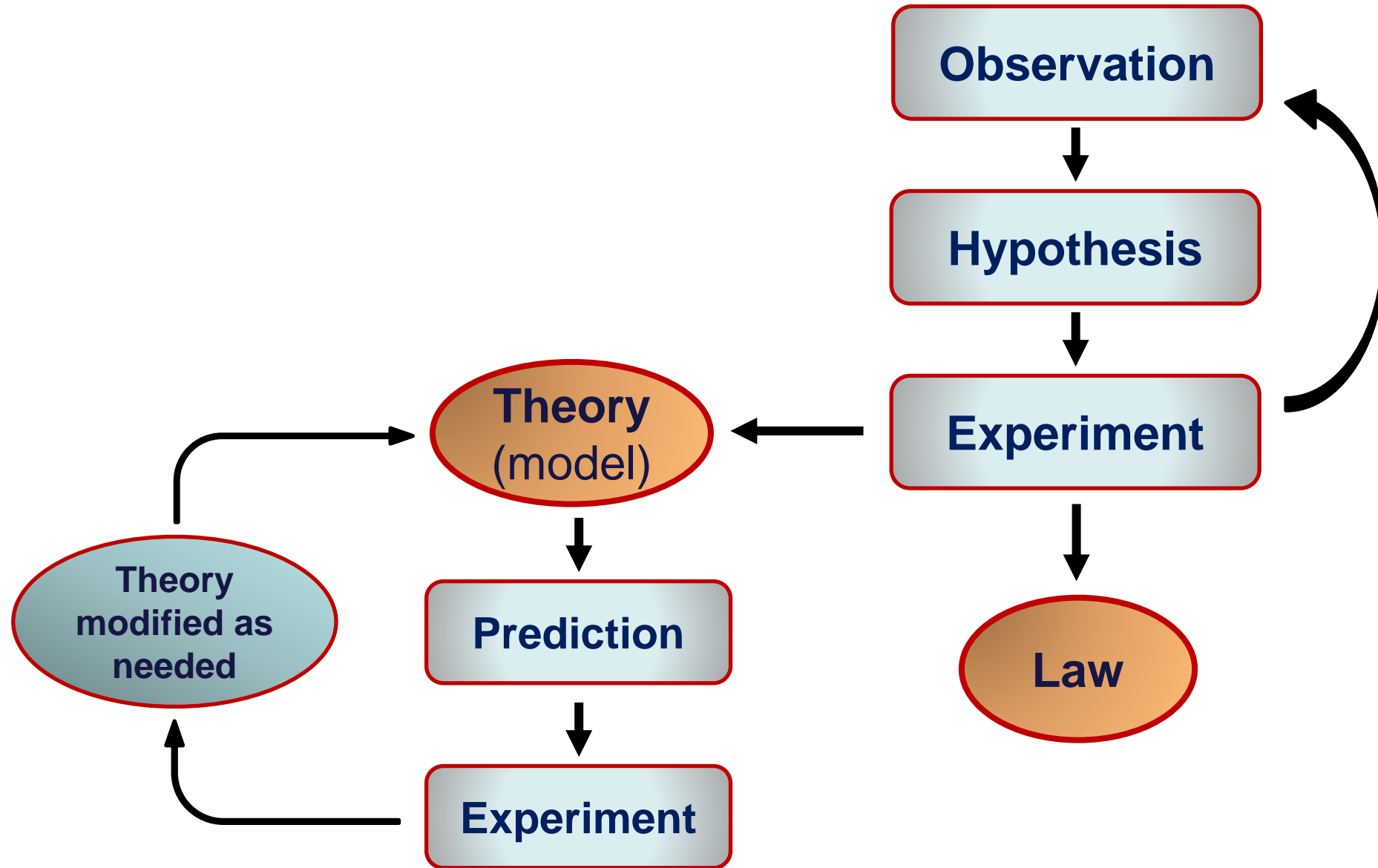
Hasan Ibn al-Haytham
(965–1040)



School of Aristotle in Mieza, Macedonia, Greece



Pinhole Camera demonstration by Ibn al Haytham



Next topic in this series...



Classifications of Matter



Thank You!

A colorful brushstroke graphic located below the 'Thank You!' text. It features horizontal strokes in shades of cyan, purple, pink, and yellow, with a white signature-like scribble underneath.