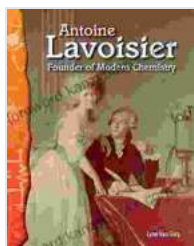


# Antoine Lavoisier: The Father of Modern Chemistry

Antoine Lavoisier was a French chemist who is considered the father of modern chemistry. He is best known for his discovery of the role of oxygen in combustion and respiration, and for his development of the metric system.

Lavoisier was born in Paris in 1743. He showed an early interest in science, and at the age of 11 he was enrolled in the Collège Mazarin, where he studied mathematics, physics, and chemistry.



## Antoine Lavoisier: Founder of Modern Chemistry (Science Readers) by Lynn Van Gorp

★★★★★ 5 out of 5

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Print length : 32 pages



After graduating from college, Lavoisier worked as a lawyer for a few years. However, he soon realized that his true passion was chemistry. In 1768, he became a member of the French Academy of Sciences, and in 1772 he was appointed director of the royal gunpowder factory.

Lavoisier's early work focused on the composition of air and water. In 1774, he published a paper in which he showed that air is a mixture of two gases,

which he called oxygen and nitrogen. He also showed that water is a compound of oxygen and hydrogen.

Lavoisier's most important discovery was the role of oxygen in combustion and respiration. In 1777, he published a paper in which he showed that combustion is a process in which oxygen combines with a substance, releasing heat and light. He also showed that respiration is a process in which oxygen is used to break down food, releasing energy.

Lavoisier's discoveries had a profound impact on the development of chemistry. They led to the development of a new understanding of the composition of matter and the role of oxygen in chemical reactions.

Lavoisier's work also laid the foundation for the development of the metric system.

Lavoisier was a brilliant scientist who made many important contributions to chemistry. He is considered one of the greatest scientists of all time, and his work has had a lasting impact on the development of science.

## **Legacy**

Lavoisier's legacy is vast and multifaceted. He is considered one of the greatest scientists of all time, and his work has had a profound impact on the development of chemistry and other scientific disciplines.

Lavoisier's most important contribution to chemistry was his discovery of the role of oxygen in combustion and respiration. This discovery led to a new understanding of the composition of matter and the role of oxygen in chemical reactions. Lavoisier's work also laid the foundation for the development of the metric system.

In addition to his scientific work, Lavoisier was also a gifted administrator and teacher. He served as director of the royal gunpowder factory for many years, and he also played a key role in the founding of the French Academy of Sciences.

Lavoisier's legacy is still felt today. His work continues to be studied and taught by scientists around the world, and the metric system that he helped to develop is used by people all over the globe.

## **Quotations**

"Chemistry is the science of the changes which bodies undergo when they combine with each other." - Antoine Lavoisier

"The only true science is that which results from the comparison of phenomena." - Antoine Lavoisier

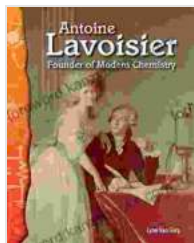
"Nothing is lost, nothing is created, everything is transformed." - Antoine Lavoisier

## **Antoine Lavoisier Founder Of Modern Chemistry Science Readers**

This book is a biography of Antoine Lavoisier, the father of modern chemistry. The book tells the story of Lavoisier's life and work, and it explains how his discoveries revolutionized our understanding of the world.

The book is written in a clear and engaging style, and it is illustrated with numerous diagrams and photographs. It is a must-read for anyone who is interested in the history of science or in the life of one of the greatest scientists of all time.

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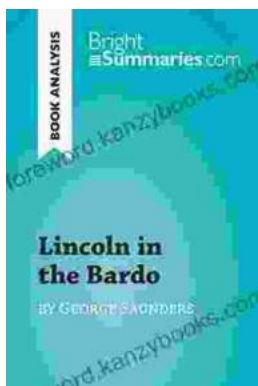
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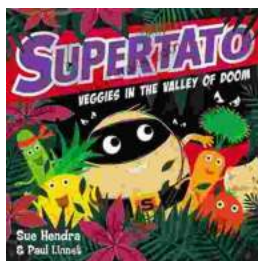
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