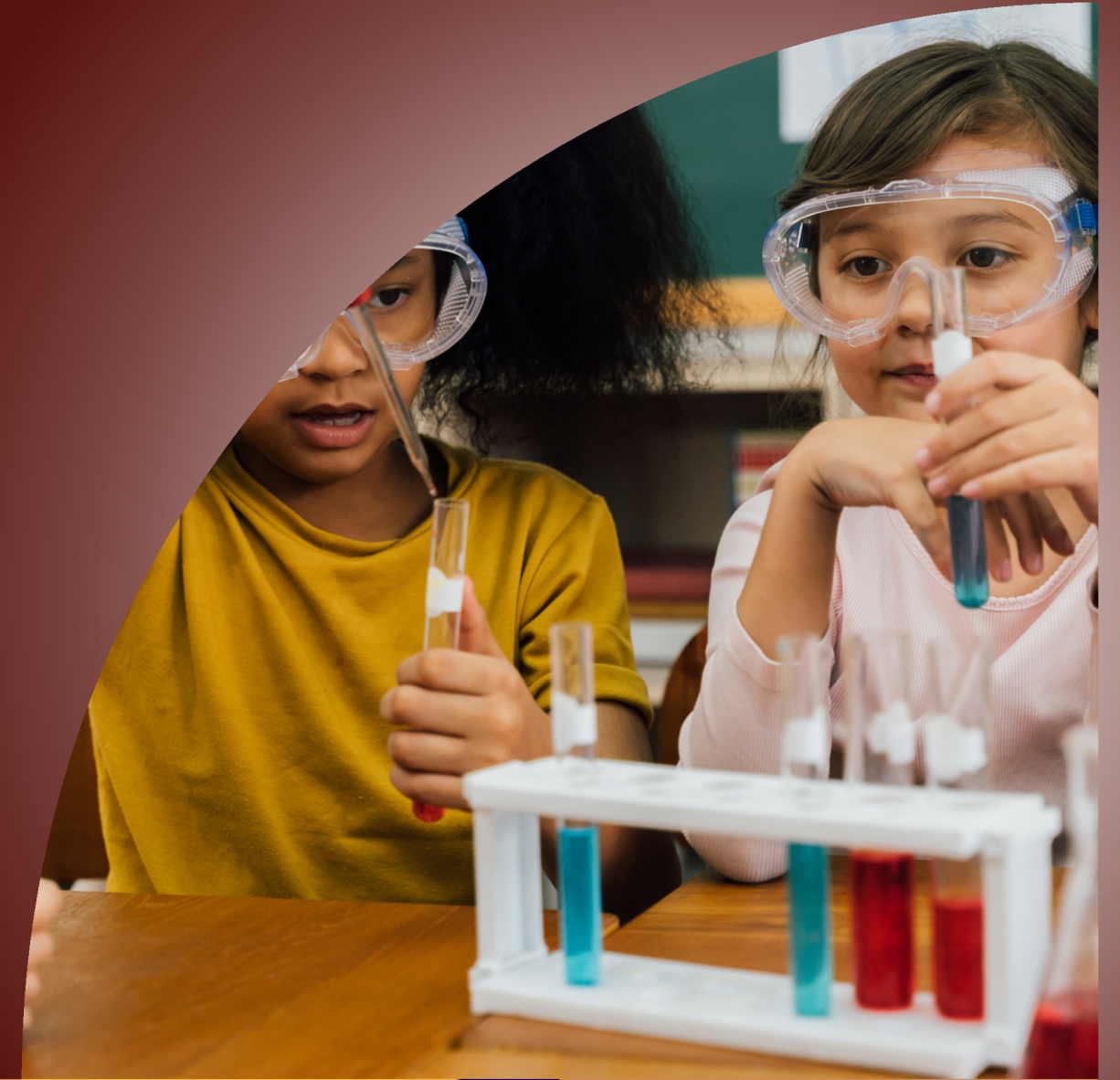


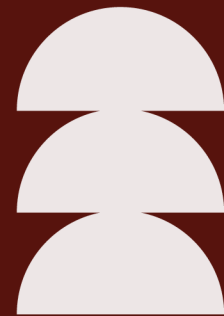
# Elements of Science

## An Educational Journey

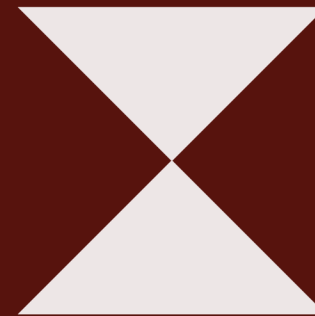
Exploring the building blocks of our universe



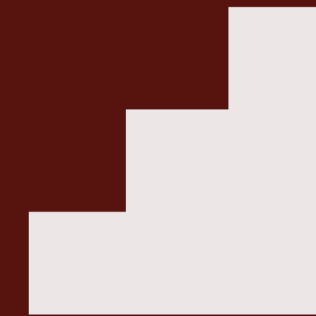
# Key Takeaways: Understanding the Elements of Science



Scientific method  
guides systematic  
exploration

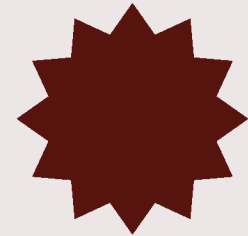
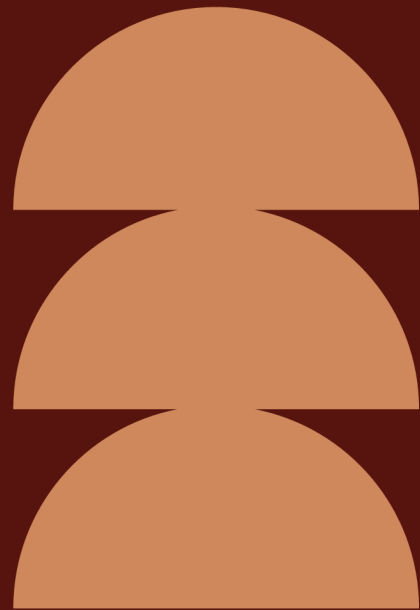


Experiments are  
essential for valid  
conclusions



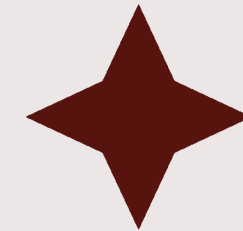
Data analysis  
supports  
informed  
decision-making

# Concept Definitions



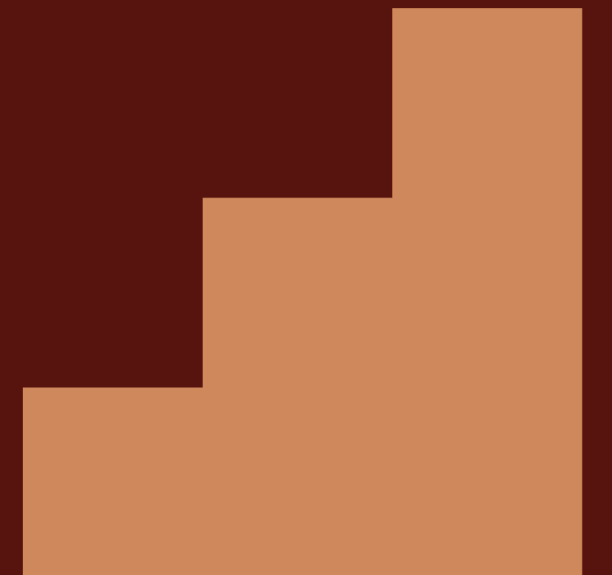
## Hypothesis

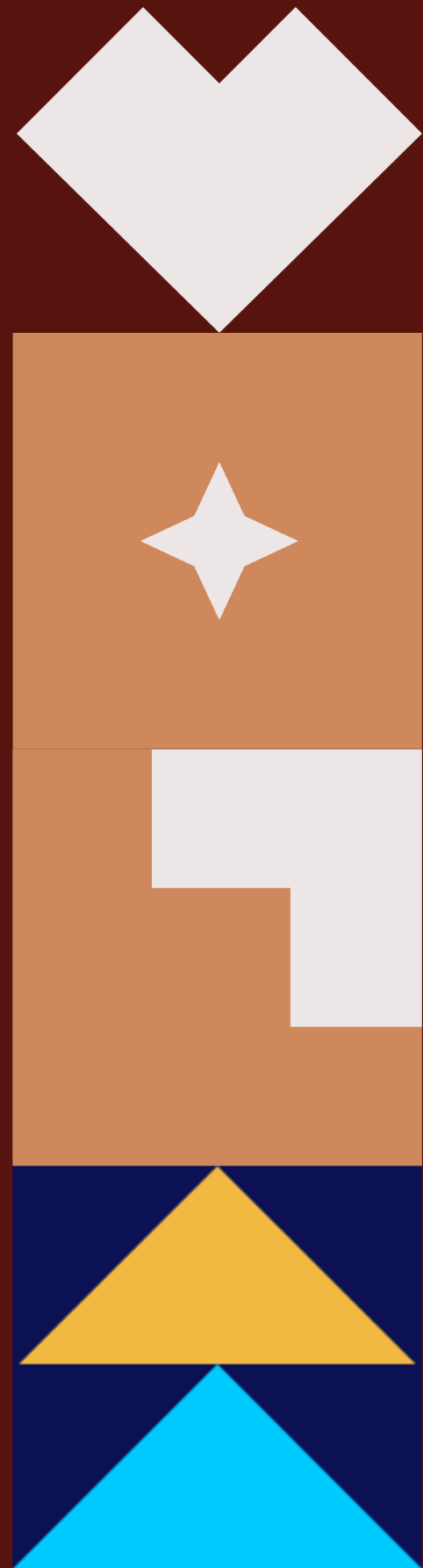
A testable prediction about the outcome of an experiment or observation.



## Theory

A well-substantiated explanation that is based on a body of evidence.





# Outline



## Introduction to Science

- Elements
- Atoms



## Real-world Applications

- Chemistry
- Physics



# Key Concepts



## Observation

Gathering information through careful scientific examination.



## Experimentation

Conducting tests to examine scientific hypotheses.



## Analysis

Reviewing data to gain insightful interpretations.



## Conclusion

Summarizing findings to draw important insights.

# Timeline of Scientific Discoveries



**1609**

Galileo invented the telescope, revolutionizing astronomy.



**1687**

Newton formulated his laws of motion principles.



**1859**

Darwin published theory of evolution by natural selection.



**1920**

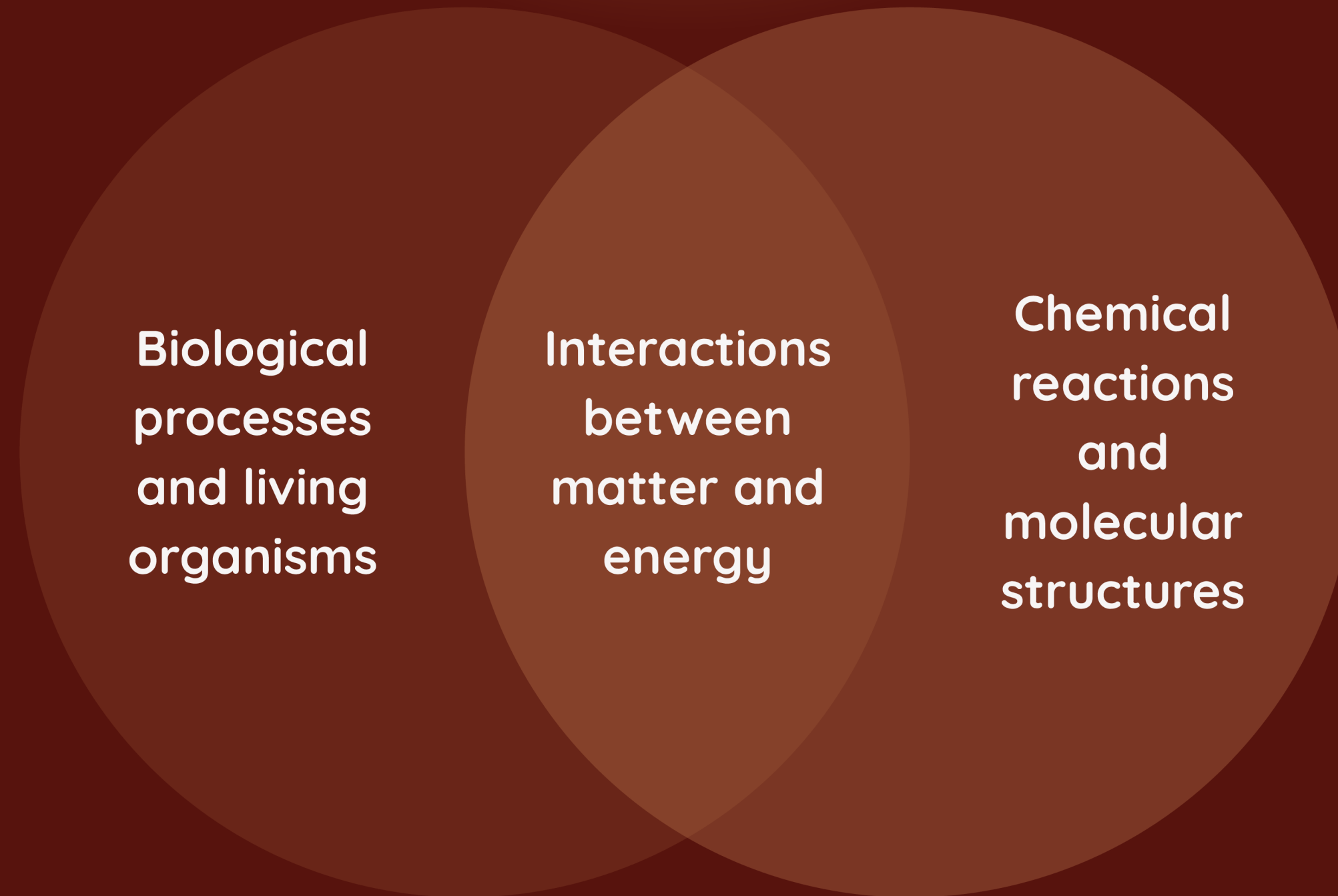
Quantum mechanics emerged, changing physics forever.

# Science Fields and Applications



Subheading	Subheading	Subheading
Elaborate on what you want to discuss.	Elaborate on what you want to discuss.	Elaborate on what you want to discuss.
Elaborate on what you want to discuss.	Elaborate on what you want to discuss.	Elaborate on what you want to discuss.
Elaborate on what you want to discuss.	Elaborate on what you want to discuss.	Elaborate on what you want to discuss.

# Science Concepts Comparison

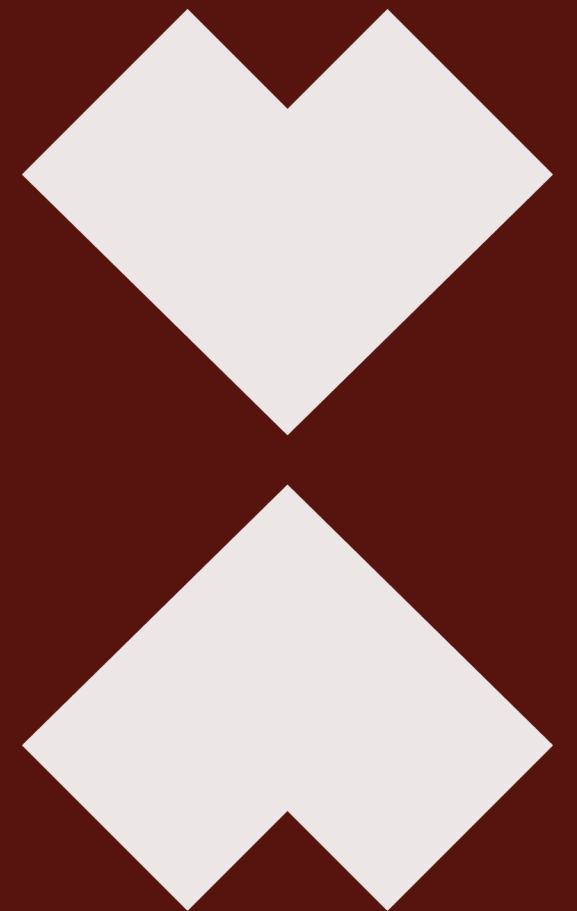


This diagram illustrates the connections between Biology, Chemistry, and Physics.



# Introduction to Science Elements

Exploring the basics of scientific  
discovery and understanding.







# 4 out of 5

Students find science  
engaging and interesting



# 70%

Of careers rely on  
scientific knowledge



# 9 million

Innovations stem from  
scientific research

# Feel free to reach out with questions!

Email

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