

Core Skills Analysis

Science

- The film showcases different elemental beings (fire, water, earth, and air), allowing students to recognize the importance of each element in the natural world and their interactions.
- Students observe the effects of temperature on different elemental forms, prompting discussions about states of matter (solid, liquid, gas).
- The story illustrates chemical reactions, such as how fire interacts with water and produces steam, providing a visual representation of basic chemistry concepts.
- Elements are personified, helping to generate discussions about ecosystems and the balance between different components of nature, emphasizing environmental science.

Tips

To enhance the child's learning experience related to the themes of Elemental, parents can encourage discussions about real-world elements and their properties after watching the film. Hands-on experiments, such as mixing baking soda and vinegar to demonstrate chemical reactions or creating ice sculptures to illustrate states of matter, can deepen understanding. Also, exploring local ecosystems or conducting simple observations about the elements in their surroundings can foster a greater appreciation for science.

Book Recommendations

- [The Elements: A Visual Exploration of Every Known Atom in the Universe](#) by Theodore Gray: This visually stunning book presents each element with images and insights, making it an engaging way for children to explore the chemical world.
- [What If?: Serious Scientific Answers to Absurd Hypothetical Questions](#) by Randall Munroe: This book combines humor and science, offering answers to hypothetical questions that engage the reader's curiosity about the laws of physics and chemistry.
- [Ada Twist, Scientist](#) by Andrea Beaty: A delightful story about a young girl who questions the world around her, inspiring readers to think scientifically and fostering curiosity about the natural world.