

Core Skills Analysis

Learn about the Nickel

- The student learned about the properties of nickel, including its appearance, atomic number, and atomic weight.
- Through exploring the uses of nickel, the student discovered its importance in various industries like manufacturing, electronics, and coin production.
- Understanding the concept of the periodic table was introduced as the student related nickel to its position and classification within the table.
- Learning about the history of nickel mining provided insight into how this metal is extracted and its significance in society.

Tips

To further enhance the 7-year-old student's understanding of nickel, consider conducting simple experiments to observe how nickel reacts with different substances. Encourage the child to create a mini science project showcasing the uses of nickel in everyday life, such as in coins, jewelry, or electronics. Additionally, incorporating fun facts about nickel in daily discussions can help reinforce the learning experience. Lastly, consider visiting a local museum or factory related to metals to provide a real-world connection to the concepts learned.

Book Recommendations

- [The Elements Book: A Visual Encyclopedia of the Periodic Table](#) by DK: This book introduces the periodic table in a visually engaging manner, making it accessible and fun for young learners.
- [Nickel and Its Surprising Impact on Modern Life](#) by Marc Boer: An informative book that explores the various ways nickel influences our daily lives, from technology to health.
- [Nickel, Copper, and Zinc](#) by Natalie M. Rosinsky: A children's book that delves into the properties and uses of nickel, copper, and zinc, making science concepts easy to understand.