

Core Skills Analysis

Science

- The 5-year-old student has learned about the importance of clean water through hands-on experience with water filtration.
- They have grasped the concept of how filters work to remove impurities and contaminants from water, understanding the basic principles of filtration.
- The student has developed an awareness of environmental sustainability by learning how water filtration can help in reducing pollution and preserving natural resources.
- Through this activity, the young learner has also enhanced their critical thinking skills by exploring different methods of water purification and understanding the science behind each approach.

Tips

Encourage the student to further explore the concept of water filtration by setting up small experiments at home using everyday materials like cotton wool, sand, and stones to create DIY filters. Additionally, discussing the importance of clean water for human health and the environment can deepen their understanding of the topic. Incorporating interactive games or puzzles related to water filtration can make learning fun and engaging.

Book Recommendations

- [The Magic School Bus at the Waterworks](#) by Joanna Cole: Join Ms. Frizzle and her class on a wet and wild adventure to learn about water filtration and the water cycle in this educational and fun story.
- [All the Water in the World](#) by George Ella Lyon: This beautifully illustrated book explores the interconnectedness of water in our world, introducing young readers to the importance of clean water and conservation.
- [A Cool Drink of Water](#) by Barbara Kerley: Discover the journey of water from the source to the tap in this informative book that showcases the significance of water filtration and access to clean water for all.