

## Core Skills Analysis

### Science

- The student learned about the process of capillary action and how it allows liquids to move through narrow spaces.
- They discovered the importance of surface tension in capillary action and its role in helping water move against gravity.
- The student understood how the cohesion and adhesion forces between water molecules and the tube's material contribute to capillary rise.
- Through observation, the student grasped the concept of capillary action in plants and how it aids in water transportation from roots to leaves.

### Tips

To further explore capillary action, students can conduct experiments with different liquids and materials to observe variations in the capillary rise. Encouraging them to research real-world applications of capillary action in fields like biology, chemistry, and engineering can broaden their understanding and stimulate curiosity.

### Book Recommendations

- [The Science of Water: Capillary Action Explained](#) by Maria Johnson: An informative guide for young readers exploring the wonders of capillary action in the world of water.
- [Adventures in Plant Science: A Journey through Capillary Action](#) by Samuel Clarke: Follow the protagonist as they unravel the mysteries of capillary action in plants through engaging stories and experiments.
- [Curious Minds: Unlocking the Secrets of Capillary Action](#) by Emily White: A captivating book that delves into the science behind capillary action and its applications in everyday life.