

Core Skills Analysis

Science

- The child observed a chemical reaction as the bath bomb dissolved, learning about reactions and changes in matter.
- Through the fizzing and bubbling, the student likely gained an understanding of gas production during chemical reactions.
- The colors mixing and spreading in the water could have introduced the concept of diffusion and mixing of substances.
- The child may have also learned about the ingredients used in bath bombs, potentially sparking interest in ingredients and their properties.

Tips

To further enhance the learning from the activity of watching a bath bomb dissolve, consider discussing with the child the science behind the ingredients used in the bath bomb and how they interact to create the fizzing and color changes. Encourage the student to explore other chemical reactions at home using safe household items to continue their understanding of chemistry in a hands-on way. Additionally, linking the activity to real-life applications, such as how similar chemical reactions are used in baking or cleaning, can make the learning more engaging and relatable.

Book Recommendations

- [The Everything Kids' Science Experiments Book](#) by Tom Robinson: This book provides easy-to-follow science experiments for kids, encouraging hands-on learning and exploration.
- [National Geographic Kids Ultimate Weird but True](#) by National Geographic Kids: Filled with quirky facts and engaging visuals, this book sparks curiosity and exploration of the world around us.
- [Ada Twist, Scientist](#) by Andrea Beaty: A story about a young girl with a passion for science, encouraging kids to inquire, explore, and never stop asking 'why?'