

## Science

- The 12-year-old student learned about the properties of different liquids and their effects on various materials through the experiment conducted in the video.
- They gained an understanding of chemical reactions and their impact on objects, such as the difference between acid and lava and how they interact with different substances.
- They learned about the scientific method and how to conduct experiments safely and methodically, as demonstrated by Mark Rober in the video.

After watching the video, encourage the 12-year-old to conduct their own simple experiments using safe materials at home, such as testing the effects of different liquids on household items and documenting their findings. This hands-on approach can further solidify their understanding of chemical reactions and strengthen their scientific inquiry skills.

## Book Recommendations

- [Why Chemical Reactions Happen](#) by Lisa Trumbauer: An engaging introduction to chemical reactions and the science behind them.
- [The Scientific Method: A Kid's Guide to Inquiry and Exploration](#) by Lisa J. Amstutz: This book provides hands-on activities and experiments that align with the scientific method, encouraging young readers to explore and understand scientific concepts.

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