Science

- The child learned about engineering and design by building the Crunch Labs box according to the instructions provided by Mark Rober.
- They gained an understanding of air pressure and its effects through the experiments and activities conducted with the box.
- They learned about the scientific method by following the steps of observation, hypothesis, experimentation, and conclusion while testing different variables with the box.
- The child also developed their critical thinking skills by analyzing the data collected during the experiments and drawing conclusions based on the results.

For continued development, encourage the child to think of their own unique experiments using the Crunch Labs box. They can explore different variables and test hypotheses to further their understanding of concepts like air pressure, forces, and motion. Encourage them to document their experiments and observations in a scientific journal, fostering their skills in recording and analyzing data.

Book Recommendations

- Science Experiments with Air and Water by Sally Nankivell-Aston and Dorothy Jackson: This book provides a range of fun and educational experiments related to air and water, including some that complement the activities done with the Crunch Labs box.
- The Scientific Method: A Time for Discovery by Connie Jankowski: This book introduces the scientific method in an engaging way, helping children understand the importance of observation, experimentation, and forming hypotheses.
- Engineering Marvels: Bridges by Lynn Peppas: This book explores the fascinating world of bridge engineering, showcasing different types of bridges and the science behind their construction.