

Science

- The child learned about cause and effect by observing how the cogs and gears move when they are connected.
- They developed fine motor skills by manipulating the cogs and gears to create different structures.
- They explored the concept of motion and how it is transferred through the gears.
- The child gained an understanding of basic engineering principles by designing and constructing their own creations.

Encourage continued development by providing the child with more opportunities to explore hands-on activities related to engineering and mechanics. Introduce them to other building sets that incorporate gears and cogs, or encourage them to take apart old electronics to discover how gears are used in different machines. You could also incorporate books or videos about simple machines and inventions into their learning.

Book Recommendations

- [The Gear Book](#) by Jack Challoner: This book introduces young children to gears through colorful illustrations and simple explanations. It includes hands-on activities for them to try.
- [Gears! Gears! Gears!](#) by Learning Resources: This interactive book features colorful illustrations and encourages children to explore and experiment with gears and their different combinations.
- [How Do You Lift a Lion?](#) by Robert E. Wells: This book explains the basic principles of levers, pulleys, and gears in a fun and engaging way, using examples from everyday life.

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