



Space Explorers™ Gears Set Maker Kit Guide

This kit is designed to help your child learn about the physics of gears (with a fun space theme)!

Age Recommendations

The Space Explorers™ Gears Set is recommended for children ages 4 to 8.

Starting Out

Place the platform pieces in any arrangement you choose and then snap the gears into place. Affix the handle, turn, and watch your gears spin and spin! For more fun, build your gears upwards and add planets to see them rotate around the sun.

Gears are all around us – in bicycles, toys, clocks, and many other places! Playing with this set will help introduce your child to beginning physics. In order for the gears to turn, the cogs must be appropriately interlocked. Attaching the handle and spinning it in either direction teaches about the forces and directions of motion. Spinning quickly or slowly teaches about speed. Furthermore, the size of the pieces and the attention one must pay to the shape of the cogs is helpful in developing fine motor skills.

Troubleshooting

For more information, visit the following website:

Learning Resources© Space Explorers™ Gears Set:

<https://www.learningresources.com/item-gears-gears-gears-r-space-explorers-building-set>

Feedback

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