

Learning Resources LER9236

Learning Resources Gears! Gears! Gears! Flight Gears (LER9236) Instruction Manual

This manual provides essential information for the assembly, operation, and care of your Learning Resources Gears! Gears! Gears! Flight Gears building set.

1. SAFETY INFORMATION

Please read and understand all safety information before using this product. Keep this manual for future reference.

- **Age Recommendation:** This product is designed for children aged 4 to 10 years.
- **Choking Hazard:** This set contains small parts. Not suitable for children under 3 years due to potential choking hazards. Adult supervision is recommended for all ages, especially during initial assembly.
- **Material Safety:** All components are made from durable, non-toxic plastic materials.
- **Proper Use:** Use the product only as intended for building and creative play. Do not attempt to modify or force parts together.

2. PRODUCT OVERVIEW

The Learning Resources Gears! Gears! Gears! Flight Gears set is a 44-piece educational toy designed to encourage creativity, fine motor skills, and an understanding of mechanical principles through hands-on building.

2.1 Components List

The 44-piece activity set includes a variety of colorful gears and connectors, along with an activity guide to inspire various constructions.

- Assorted colorful gears (blue, green, yellow, red, purple)
- Connectors and bases
- Propeller components



Image 1: The product packaging displaying the various gears and components included in the Flight Gears set, along with the recommended age of 4+.

3. SETUP AND ASSEMBLY

Follow these general steps to begin building with your Flight Gears set. The included activity guide provides specific examples and ideas.

1. **Unpack Components:** Carefully remove all gears, connectors, and other pieces from the packaging.
2. **Identify Bases:** Start by selecting a base piece. These pieces provide a stable foundation for your constructions.
3. **Attach Connectors:** Connect the various shafts and connectors to the base. Ensure they snap securely into place.
4. **Add Gears:** Place gears onto the shafts. Ensure the teeth of adjacent gears interlock properly for smooth rotation.
5. **Incorporate Flight Elements:** Attach propeller components or other flight-themed pieces to create your desired flying machine.



Image 2: An example of an assembled Flight Gears model, showcasing interlocking gears and a propeller, demonstrating a potential helicopter-like construction.

4. OPERATING INSTRUCTIONS

The Flight Gears set is designed for open-ended play, allowing children to explore cause and effect, simple mechanics, and creative design.

- **Interlocking Gears:** Once assembled, turn one gear to observe how it transfers motion to other connected gears, creating a chain reaction.
- **Creative Building:** Experiment with different gear sizes and arrangements to create various movements and structures. The set is compatible with other Gears! Gears! Gears! sets for expanded

building possibilities.

- **Propeller Action:** Attach the propeller to a rotating gear to simulate flight.



Image 3: A close-up view of an assembled Flight Gears model, illustrating the dynamic movement of the interlocking gears as they rotate.

5. MAINTENANCE

Proper care will ensure the longevity of your Gears! Gears! Gears! Flight Gears set.

- **Cleaning:** To clean the gears and connectors, wipe them with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure all parts are dry before storing.
- **Storage:** Store all components in their original box or a suitable container to prevent loss and damage. Keep the set in a cool, dry place away from direct sunlight.

6. TROUBLESHOOTING

If you encounter any issues with your Flight Gears set, refer to the following common solutions:

- **Gears Not Turning Smoothly:**
 - Ensure all gears are properly interlocked and seated on their shafts.
 - Check for any foreign objects or debris obstructing the gear teeth.
 - Verify that the base and connectors are firmly attached and stable.
- **Parts Not Connecting:**
 - Ensure you are using the correct connectors for the specific gear or base piece.
 - Apply gentle, even pressure until the parts click into place. Do not force connections.

- **Missing Components:** If you believe parts are missing from your new set, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Product Model Number	LER9236
Product Dimensions	9.1 x 9.3 x 2.9 inches
Item Weight	16 ounces
Recommended Age	4 - 10 years
Number of Pieces	44
Manufacturer	Learning Resources

8. WARRANTY INFORMATION

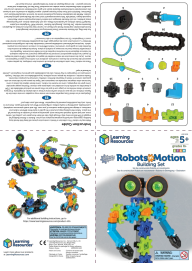
Specific warranty details for the Learning Resources Gears! Gears! Gears! Flight Gears set are not provided in the product data. For information regarding product warranty, please refer to the official Learning Resources website or contact their customer support directly.




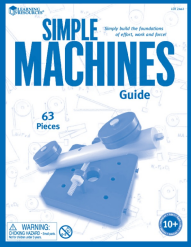
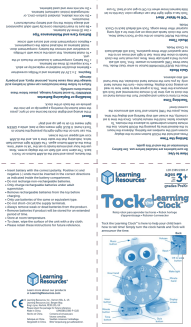
9. CUSTOMER SUPPORT

For further assistance, questions, or to report any issues with your product, please contact Learning Resources customer support:

- **Website:** Visit the official [Learning Resources website](#) for FAQs and contact information.
- **Contact Information:** Refer to the product packaging or the Learning Resources website for specific phone numbers or email addresses.

Related Documents - LER9236

	<p>Learning Resources Robots in Motion Building Set - STEM Toy Instructions</p> <p>Instruction guide for the Learning Resources Robots in Motion Building Set, a STEM toy that teaches kids about gears, pulleys, and engineering through building robots. Includes assembly steps and product information.</p>
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	<p>Learning Resources LER 9199 Dizzy Fun Land Building Set Instructions</p> <p>Step-by-step instructions and guide for building the Learning Resources LER 9199 Dizzy Fun Land building set, featuring gears, amusement park rides, and creative construction. Includes information on building bumper cars, merry-go-round, Ferris wheel, roller coaster, and other models.</p>
	<p>Botley the Coding Robot: 77-Piece Activity Set - Activity Guide (LER 2935)</p> <p>Explore the world of coding with Botley, the fun and engaging coding robot from Learning Resources. This activity guide provides step-by-step instructions, coding challenges, and troubleshooting tips for the 77-piece Botley set (LER 2935), suitable for ages 5+.</p>
	<p>MagiCoders Unicorn User Guide</p> <p>Learn how to code with MagiCoders Unicorn, an educational toy from Learning Resources. This guide covers basic controls, programming sequences, spells, troubleshooting, and battery information for the MagiCoder robot and wand.</p>
	<p>Learning Resources Simple Machines STEM Kit Guide</p> <p>An educational guide to Learning Resources' Simple Machines STEM kit, explaining the principles of pulleys, inclined planes, wedges, levers, and wheels and axles with assembly instructions and real-world examples.</p>
	<p>Tock the Learning Clock - Educational Toy for Teaching Time</p> <p>Learn to tell time with Tock the Learning Clock, an interactive educational toy from Learning Resources. Features analog and digital time display, quiz mode, music, and an 'OK to Wake' light for children aged 3+.</p>