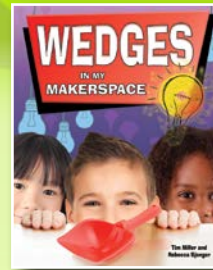
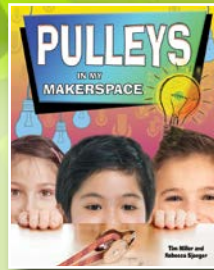
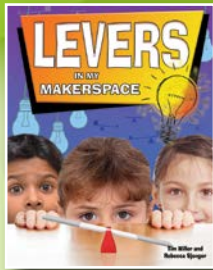
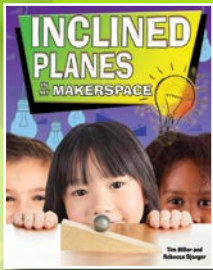


# SIMPLE MACHINES IN MY MAKERSPACE

Designed as an early introduction to the principles of Makerspace, this series shows young readers how to take what they learn about different simple machines and apply their own ideas and creativity to make very simple projects. Children are guided through the process so they will learn to build skills in communication, collaboration, creativity, and problem solving.

**Specifications:**  
**Ages 8-11**  
32 pages, 8½ x 10¾", full color  
**\$8.95 PAP**



## Inclined Planes in My Makerspace

**by Tim Miller, Rebecca Sjonger**  
Children will enjoy this entertaining book which uses the principles of Makerspace to introduce them to the inclined plane, or ramp. Simple text describes the structure and uses of inclined planes, and clear, step-by-step instructions show children how to make one. Readers are then provided with strategies to start their own creative projects using the ramp they made. Along the way, tips and helpful hints guide children on how to brainstorm and solve problems working as a team.

ISBN 978-0-7787-3376-8 PAP

## Levers in My Makerspace

**by Tim Miller, Rebecca Sjonger**  
Children will enjoy this fun book which uses the principles of Makerspace to introduce them to the lever. Simple text describes the structure and uses of levers, and clear, step-by-step instructions show children how to make one. Readers are then provided with strategies to start their own creative projects using the lever they made. Along the way, tips and helpful hints guide children on how to brainstorm and solve problems working as a team.

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## Wedges in My Makerspace

**by Tim Miller, Rebecca Sjonger**  
Children will enjoy this creative book which uses the principles of Makerspace to introduce them to the wedge. Simple text describes the structure and uses of wedges, and clear, step-by-step instructions show children how to make one. Readers are then provided with strategies to start their own creative projects using the wedge they made. Along the way, tips and helpful hints guide children on how to brainstorm and solve problems working as a team.

ISBN 978-0-7787-3382-9 PAP

## From Inclined Planes in My Makerspace

### YOU CAN BE A MAKER!

Do you dream up new ways to do tasks or solve problems? Do you like hands-on learning and doing experiments? Do you find creative ways to reuse everyday items? If so, this book is for you! From waterslides to marble runs, the projects in the following pages will inspire you to be a Maker and come up with your own creative ideas.



#### TEAMWORK

Makers often team up to share their skills and supplies. Working in a group also leads to more ideas and points of view. **Makerspaces** are places where Makers work together. You could set up your own Makerspace and invite friends to join you!

Makers create a wide range of things, such as crafts, games, and even electronics.



#### A new way of learning

There is no right or wrong way to make something. Makers know that:

- ✓ The only limit is your imagination.
- ✓ Every idea or question—even ones that seem silly—could lead to something amazing.
- ✓ Each team member adds value to a project.
- ✓ Things do not always go as planned. This is part of being a Maker!