

How Do You Lift a Lion?

Robert E. Wells

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Explore the functions of levers, wheels, and pulleys, and learn how to lift a lion, pull a panda, and deliver a basket of bananas to a baboon birthday party!

How Do You Lift a Lion? Details

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From Reader Review How Do You Lift a Lion? for online ebook

Lydia Smith says

Cute book to get kids thinking about basics of levers, wheels, and pulleys.

James Vickery says

This book is on a fourth grade level. It is in the fourth grade that students start to look into the make-up of a simple machine. This book helps the reader to understand the concept of force, motion, and weight in terms of simple machines. This book also does a good job by pointing out the direction in which the force travels.

Megan says

Publishers of nonfiction for children please note: a lot more people would read nonfiction if it was. . . better! Take a look at this book, that manages to convey complex ideas about simple machines in a highly imaginative way, but does not talk down to the reader. For sure the dense language and concepts take some unpacking with children, but the idea of lifting a lion or ten, or a panda on a pallet engages many for whom this content would otherwise remain abstract. In my Primary Years Program IB school, I've read this several times with Year 3/4 students as part of a simple machines inquiry and students later collaborate to make machines capable of lifting a pumpkin. How I would love captivating nonfiction/creative nonfiction texts for all such inquiries.

Heather says

We've read this a few times over the years and pulled it out again for physics. This gives a very simple explanation of simple machines (levers, pulleys, wheels). The kids enjoyed the silly pictures and I thought the pictures did a good job illustrating the concept being discussed. The book works well for the younger grades but really needs some hands-on activities.

A good choice, but make sure to add on with experiments.

Nichole says

My son and I read this book as a part of Sonlight's P4/5 curriculum. This is an excellent introduction to physics for preschoolers. My son greatly enjoyed all the animals in the book; it really helped keep him engaged in the subject matter. There is a lot of science terminology used in the explanations, which is wonderful. Even if my son doesn't remember all of it, I'm glad he is getting early exposure to the terms and concepts. Even I found the book to be informative and engaging, like all of Wells' books. I highly recommend this for all ages.

Lauren Derosa says

"How Do You Lift a Lion" by Robert E. Wells is a great book to teach young children about physics. I think it is a great idea to use animals to teach math like this because it is an element that children will always love and have in common with others. I think that this book does a very good job at introducing the basics for physics which can be very helpful to young children who haven't yet heard of physics yet but are just getting an idea of what it is. This book does a great job of giving them examples, which is a very clever way to teach. I can definitely see myself using this book in my own classroom when I become a teacher because it teaches in a way that I could make lesson plans based on the book to teach my students an introduction to physics.

ABC says

This book explains machines with wonderful illustrations. The text was a little difficult for my six year old-words like "fulcrum".

First it shows a lion being lifted using a lever.

Second it shows a panda being pulled on a pallet using wheels. (Downhill allows you to go even faster.) Third it shows lifting bananas into a tree to a baboon party using two pulleys.

I would love to know if this could really be accomplished by two kids!!!!

Portable says

Another great question book from the wonderful Wells of Knowledge Science series by Robert Wells, and a nice companion read to What's Faster Than a Speeding Cheetah? This book deals with the more complex scientific areas of gravity, levers and pulleys, but is still both diverting and entertaining.

Alisa says

This was the PERFECT book for helping our 5 and 7 year old understand simple machines at a level they comprehend, we really enjoyed the silly animal pictures and situations used to describe levers, pulleys, and wheels. Of course, nothing replaces actually building and using a simple machine, but it definitely enhanced our homeschooling activities.

Vanessa Westen says

This book is a fun book that teaches students about simple machines in a way they will understand.

Laura (Book Scrounger) says

This is probably my favorite of the four titles we've read from the Wells of Knowledge series. It is basically an introduction to physics, and covers some of the simple machines, as well as forces they interact with such as gravity and friction. The illustrations are amusing too -- at the end, the children use pulleys to deliver a "big basket of bananas to a baboon birthday party."

Maleigha says

Students will explore the functions of gravity, leverage, friction, and pulleys as they read. The theories of physics are introduced to young learners through the reader's interest in animals. This is a clever book that keeps students questioning science. Such a cute book to keep the students engaged and listening.

Tie Jones says

Great Explanation for my Pre K Class

My Children range from 3-4 years old and this book will help them to understand the basic functions of wheels and axels, pulleys, levers, and how simple machines are helpful. They can understand how simple machines make life easier.. Thanks for the delightful story

Gen says

This is a fantastic book to introduce children to the world of physics. How Do You Lift a Lion? answers the question of how to move heavy objects by introducing machines: pulleys, wheels, and levers and the concept of weight, motion, gravity, and force. The children will gain a basic idea of what physics is and how it works. Since the book relates the topic of physics to fun animals, the kids will get a more enjoyable read out of it. I mean, what kind of child doesn't like or isn't curious about animals? Although the text was relatively easy to understand, the illustrations definitely aid to its meaning. The pictures are silly, colorful, and funny. The book also has a glossary in the back, so that is a definite bonus. I recommend How Do You Lift a Lion? for kindergarteners-3rd graders.

Melissa says

Read this to my 5 year old to explain simple machines. The author does a great job at breaking down the parts of each simple machine (pulley, lever, wheel) and explaining how they work!