

Presenter: Have you ever played the which weighs more game?

Kid: What's that?

Presenter: It goes something like this? Which weighs more, a cat or a mouse?

Kids: A cat.

Presenter: Yes. Let's try another. Which weighs more, a baby or a cellphone?

[phone ringing]

Kids: A baby.

Presenter: You got it. Welcome to Storytime by Lingokids where we discover fascinating facts about the world around us and the fun of play learning. Join us as we learn about weight, all the while helping Lisa pack her suitcase.

Lisa: I'm so excited to go on vacation to the beach. I just have one problem.

Presenter: What's your problem, Lisa?

Lisa: My suitcase is so heavy, I can hardly even lift it.

Presenter: Oh, my. Lisa, what did you pack in that suitcase?

Lisa: Let's see here. Here's a box of crayons. Is that heavy?

Presenter: Good question. Whether something is heavy or not is relative.

Lisa: A relative like my cousin?

Presenter: [laughs] No, cowie. In this case, the word relative means in comparison to something else.

Lisa: What do you mean?

Presenter: For example, Lisa's box of crayons is heavier compared to a chicken's feather, but it's lighter compared to the whole chicken. I agree, Billy. Lisa's box of crayons doesn't weigh much compared to her whole suitcase so it can stay in there. What else do you have in your suitcase, Lisa?

Lisa: Let's see. Ah, here's my blow-up dolphin floaty pool toy. I'm going to blow it up to show you.

Elliot: That's so big. No wonder Lisa's suitcase is so heavy.

Presenter: Is it heavy, Lisa?

Lisa: No, it weighs even less than my box of crayons.

Elliot: No way. It's bigger, so it must be heavier.

Presenter: Actually Elliot, just because something is bigger than something else does not mean that it weighs more.

Elliot: Huh, what do you mean?

Presenter: Weight doesn't just depend on how big something is but also what it's made of. Take Lisa's floaty toy, what's inside it?

Elliot: It's full of air.

Presenter: That's right. Air hardly weighs anything. Even though the floaty toy is much bigger than the box of crayons, it weighs less.

Elliot: Oh, I get it.

Presenter: Lingokids listeners, can you think of two objects where the bigger object weighs less than the smaller one?

Did you think of any examples?

Cow: A beach ball and a baseball.

Elliot: A pillow and a toaster.

Presenter: Yes and yes. Those are great examples to show that weight is not just about size but also what something is made of.

Lisa: I have a question. How do we really know how much something exactly weighs?

Presenter: We have standard units of weight. That's right, Billy. Just like when we were making the treehouse, we learned about standard units of length to figure out how long something is. There's a standard unit of weight as well.

Lisa: What is it?

Presenter: There's one system where we use a standard called pounds and another system where we use kilos. Just like we use a ruler to measure length, can anyone think of a tool we use to measure weight?

Elliot: A hammer?

Presenter: Good guess but no. Lingokids listeners, can you think of a tool we use to measure weight?

Elliot: Is it a scale?

Presenter: Yes, we use scales to measure weight. Lisa, how much does your suitcase weigh?

Lisa: Lifting my suitcase on my scale. It says 70 pounds.

Cow: Is that how much a whale weighs?

Presenter: Blue whales are both the biggest and heaviest animals on earth. They weigh up to 420,000 pounds.

Elliot: Whoa, that's heavy.

Presenter: Yes, it is. In fact, just their tongues weigh as much as an elephant.

Lisa: I've learned a lot about weight but my suitcase is still so heavy. What should I do?

Presenter: Lisa what's inside that big brown box in your suitcase?

Lisa: That's my entire rock collection. I want to find rocks on the beach and add to it.

Presenter: Collecting rocks is such a cool hobby Lisa, but how about you bring the rocks you find on the beach back home and then add them to your collection?

Lisa: Good idea. I'll take my rock collection out of my suitcase. Now, my suitcase is oh, so much lighter. Thank you. I'm all set for my beach vacation.

Presenter: Thank you, Lingokids listeners for joining us and listening and participating so well. We hope you enjoyed learning about weight. Parents, there are lots of fun ways to engage your children with exploring and learning about the concepts of weight. In our Lingokids app, you can find fun and educational activities to help kids ages two and older learn and develop important skills and knowledge including the concept of weight.

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