



**Transcript for *We Are Water Protectors* (Roaring Brook Press) Preview Video**

**Preview (0:00 – 5:05)**

Hi everyone! It's Colleen from the KU Natural History Museum, and I just want to remind you about tomorrow's Story Book Science. We are going to be reading *We Are Water Protectors*. It's written by Carole Lindstrom, and it's illustrated by Michaela Goade, and it is being read with permission from Roaring Brook Press. So thank you to Roaring Brook Press for the permission to read this book.

I am really excited to read this book for so many different reasons. One reason is because it talks about the importance of water, not just to humans, but to all living things. Additionally, it talks about the many Indigenous-led movements throughout North America where Indigenous Peoples have been working tirelessly to protect water resources. So I'm really excited to look at not only the importance of water, but the movements to protect water.

So for many Story Book Sciences we've talked about different animals and different environments that they live in but how they all rely on water. So for example, we talked about aquatic macroinvertebrates. And we talked about many different aquatic macroinvertebrates, but all of them lived in water. They're aquatic, so they spent some of their lifecycle in water. So that included the dobsonflies when they are a larva, and I've got some in a vial I'll show you. So the dobsonfly larva, they spend their time in water. Other aquatic macroinvertebrates that spend their time in water include stonefly nymphs. So you can see in the vial. And the dobsonfly larva, the stonefly nymphs, and the other aquatic macroinvertebrates, they like to live in clean water. So they need clean water to survive in order to become adults, just like the adult stonefly here.

We also talked about birds like Wisdom. Wisdom is a Laysan albatross, and Wisdom, like other Laysan albatrosses, spend a lot of her time out on the open ocean where she's foraging for food. She's looking for food. And Laysan albatrosses, they like to be in clean ocean water. So they don't want their water to be polluted. They don't want it to be dirty.

We also talked about mammals that rely on water. We talked about beavers, and how beavers, their diet is related to aquatic ecosystems. So they have adaptations in their teeth shape that indicate what they eat. And beavers, because they live near aquatic environments, they do tend to eat a lot of aquatic vegetation. We also talked about brown bears and the shape of their teeth. And as a reminder, this is what the shape of the teeth of a brown bear look like. You have the canines at the front, and some wide teeth in the back but still quite sharp. And that is because they are omnivores. Brown bears that live in coastal areas of Alaska, they tend to eat salmon. So the salmon need clean, cold streams in order to survive; and the brown bears need those clean, fresh streams as well so that they have a source of food.

So when we talk about water resources, so many animals, so many things rely on them. Crawling ones like the aquatic macroinvertebrates. Winged ones like the birds. Four-legged like the beavers and the brown bears, and two-legged as well because humans rely on water. So there are all of these connections with water resources, and the connections between humans and those animals.

Lastly, I'm really excited for this book because like I mentioned before, it talks about the many led – the many Indigenous-led movements for water protection all across North America. So when we read this book, we will not only learn about those movements, but we will also be able to acknowledge the wisdom from those movements and learn from those movements and do better at taking action in support of those movements.

So I hope that you join me for tomorrow's Story Book Science. Again I will be here on Facebook Live at 10am, and we will be reading *We Are Water Protectors*. I hope to see you then. Bye.