



## How Far Can You Leap?

International Tiger Day is on July 29<sup>th</sup>, so join the Fort Wayne Children's Zoo to celebrate tigers around the world! Practice your students' critical thinking skills while they learn about the Fort Wayne Children's Zoo tigers. The tigers love to jump far and up in the air, but have you wondered how they're able to leap long distance? Ask these variety of questions to engage your students even further:

- How does a tiger travel?
- Can you move like a tiger?
- How fast do you think they can run?
- How far can a tiger go in a single jump?
- Why do you think they are able to leap far distances?

Go outside and draw a line on a pavement near an area of grass. Please encourage your students to jump as far they can from the line onto the grass. They can run and leap from the line like a tiger usually would leap. They are welcome to have three tries to jump as far they can if they'd like. Have your children mark their landing with a stick and continue until everyone participated. Once the kids are finished jumping, have them use the measuring tape to measure their leaping distance in feet and record on their worksheet. Have them fill out the worksheet to their best ability.

## How Are They Able to Leap So Far?

The tigers use their body adaptations such as enlarged hind legs to help them jump. Their hind legs are longer than their front legs, and their bones are strong and dense to support the large muscles in their bodies. This allows them to jump forward about 25 feet in one jump. They can land more quietly with their big padded front paws. They can jump up to 16 feet into the air, which means they can easily jump on top of an elephant's head! They can run at speeds of 35 to 40 mph for short distances.



The tigers have amazing abilities to survive in their environments, so check out the other lesson plans to learn more about them! Be on the lookout for the tigers in Indonesian Rainforest at the zoo! Share your lessons with the Fort Wayne Children' Zoo. Tag #fwkidszoo or email [education@kidszoo.org](mailto:education@kidszoo.org) to express how you used these supplemental activities!





Name: \_\_\_\_\_

1. How far did you jump?
2. How high did you jump?
3. How far can a tiger leap? How high can they jump?
4. What's the difference between the tiger's leap and your leap?
5. What's the difference between the tiger's jumping height and your height?
6. If you triple your leaping distance, would it be further than a tiger's?
7. What do you think that allows tigers to leap far distances? Why?

