

You will need:

- Space for jumping
- A yard stick or tape measure
- Someone to mark your landing spot with a piece of chalk



Directions:

1. Find a space outside where you can jump, hop or leap.
2. Ask someone to come along and measure how far you jumped.
3. Take a tape measure or yard stick so you can measure your jump and measure how tall you are.
4. Now do the math. Can you jump 10 times your height (body length) like most frogs can?
5. Show us your frog jump on our Facebook page “Adventures in EdZooCation” or tag the North Carolina Zoo at #NCZOO or #NCZOOED.



Species	Jumping Distance	Where They Live	What is Their Size
American bullfrog	6 feet	Eastern and central US, north to Nova Scotia, and south to Mexico	3.5-6 inches
Cricket frog	3-6 feet	Southeastern US	0.5-1.25 inches
Pickerel frog	3-6 feet	Southeast Canada to South Carolina, northern Georgia, Alabama, Missouri, New Hampshire & east Texas	1.75-4 inches
Green treefrog	8-10 feet	Delaware to Florida, in the Gulf states, Arkansas, east Texas, west Tennessee & Kentucky, parts of south Illinois and Missouri	1.75-2.5 inches
Carolina gopher frog	3-18 inches (1.5')	Southeast North Carolina, eastern South Carolina and southeastern Georgia through central Florida.	2.4-3.5 inches
Southern toad		Southeastern US	1.5-3 inches
You			



American bullfrog

Photo by Todd Pierson Courtesy of Herps of NC

Most frogs can jump from 10 to 20 times their body length. Some tree frogs can jump up to 50 times their length. Can you test this information by doing some math with the numbers in our chart? For example, let's use the maximum size for the bullfrog at 6" long, then multiply that by 10, we get 60" or 5'.

Now how far can you jump? Measure one frog-style leap or hop. How tall are you? Can you jump 10 times your height (body length)?

Why do you think frogs can jump so far? Why do some frogs jump farther than others? What are some ways frogs use to survive? What about toads?