

Crossings: Extraordinary Structures for Extraordinary Animals

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Synopsis: A non-fiction exploration of animal crossings built by animal lovers around the world to help animals cross over, under, around, and through human construction.

Suggested Reading Date: National Wildlife Day is celebrated on September 4th and February 22nd.

Activity Descriptions:

- Help! Your school mascot is trapped across the street from your school due to increased traffic. Design a "crossing" using an overpass, underpass, tunnel, bridge, or something else creative to get your school mascot safely delivered back to your school.
- Research animal crossings in Washington State.
- Work on increasing vocabulary by drawing pictures and labeling specific animal crossings.
- Have your students research a specific animal crossing in the world.
- Solve the riddle: A student has to get a fox, a chicken, and a sack of corn across a river. He has a rowboat, and it can only carry hm and one other thing. If the fox and the chicken are left together, the fox will eat the chicken. If the chicken and the corn are left together, the chicken will eat the corn. How does the student do it?

Related Websites:

- Author Website: <https://www.katyduffield.com/>
- Katy S. Duffield has some of her "Crossings" listed as short videos on her website. Take a gander: <https://www.katyduffield.com/crossings>
- The great state of Washington has several Animal Crossings on I-90. You can find information here: <https://i90wildlifewatch.org/>
- Here is a sample video via YouTube to show an animal crossing on I-90: https://www.youtube.com/watch?v=6FvOTh2_s3g
- This video explains animal crossings in Washington (may be geared for older students): <https://www.youtube.com/watch?v=9cO9NXD3Ynw&t=8s>
- Math puzzle in getting animals across in a boat: https://www.mathsisfun.com/chicken_crossing_solution.html#:~:text=The%20Puzzle%203A&text=He%20has%20a%20rowboat%2C%20and,chicken%20will%20eat%20the%20corn.

Text to Text Connections: *A Book of Bridges: Here to There and Me to You* by Cheryl Keely and Celia Krampien, *How a Bridge is Built* by Sam Aloian, *Secret Engineer: How Emily Roebling Built the Brooklyn Bridge* by Rachel Dougherty, *The Science of Bridge and Tunnels: The Art of Engineering* by Ian Graham

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