

Animal Needs

K-2nd Virtual Education Class



Standards Alignment:

K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.

K-ESS3-1. Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.

K-ESS3-3. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

1-LS1-2. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.

1-LS3-1. Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

Overview:

Pre-class activity (10-15 min): Take a virtual tour through the St. Louis Aquarium at Union Station! We will send a link to an online video that your students can watch to learn about the Aquarium and prepare them for the virtual class!

Virtual Class (30 min): Watching footage of our spectacular marine animals and through discussion with a live educator, students will discover the things all animals need in order to survive. By showing your students some of our ambassador animals and taking their questions live on camera, we will spark your students' interest and encourage their curiosity of the natural world.

Follow-Up Activity: Students can apply what they've learned in an independent activity about how animals' needs are met in their habitat. This online matching activity will be sent to teachers via google slides.

Suggested Supplemental Projects:

- Students may make a diagram showing how their survival needs are met by their environment (ex. we get water from our sinks, food from our gardens or grocery stores, live in an apartment/home for shelter etc.), then chose an animal and show how

his/her survival needs are met (ex. An otter lives in a den for shelter, eats fish for food, and drinks water from rivers)