



## Classroom Programs: Middle and High School

\$300 / 30 students + 3 chaperones / 45 minutes / includes animal encounter

### Am I in the Right Class? (6<sup>th</sup>-12<sup>th</sup>)

What characteristics of animals are used to classify them and determine relationships among them? This program includes a review of the standard Linnaean system of classification using diverse live examples.

*VA Science SOLs: LS. 4; NGSS: MS-LS4-2; HS-LS4-1*

### Genetics at the Zoo (6<sup>th</sup>-12<sup>th</sup>)

Join us for a presentation of basic genetic principles in relation to domestication, variation in wild populations, and the special challenges of captive breeding at the Zoo.

*VA Science SOLs: LS.12, LS.13; BIO.7bcde; NGSS MS-LS4-5*

### See the Connections (6<sup>th</sup>-12<sup>th</sup>)

Your students will review aspects of nutrient and energy flow through ecosystems with an emphasis on the different roles taken by animals in food webs.

*VA Science SOLs: LS.6, LS.8; BIO.8*

### Research at the Zoo (6<sup>th</sup>-12<sup>th</sup>)

This program reveals how the zoo uses research to care for the animals at the zoo and in the wild. During this program, students will learn about ethology (the study of animal behavior) as they record their own observations in the classroom. Students will also be given the opportunity to identify and record frog calls, as they dive into the world of citizen science.

*VA Science SOLs: LS.1, LS.7; BIO.1; NGSS MS-LS4-5*