



**HOUSTON
ZOO**

EDUCATION

King Philip's Class

How do scientists make sense of the incredible variety found in the natural world? They use a standard system of classification. Through games, dichotomous keys, and live animals, students discover the simplicity of the science of taxonomy.

This class is aligned with Texas State as well as National Science Standards.

Texas State Standards alignment

During this class we will:

- Discuss taxonomic classification of living organisms
 - 6th grade- 12C
 - Biology- 8A
- Categorize animals using taxonomic classification
 - Biology- 8B
- Compare characteristics of taxonomic groups
 - Biology- 8C
- Use dichotomous keys to identify animals
 - 7th grade - 11A
 - Environmental Systems - 4A

National Standards alignment

Unifying Concepts and Processes

- Systems, order, and organization
- Form and function

Science as Inquiry

- Abilities necessary to do scientific inquiry

Life Science

- Diversity and adaptations of organisms
- Biological evolution

History and Nature of Science

- Science as a human endeavor
- History of science
- Historical perspectives