

# Zoology

## Elementary Level

*General Core Education*

*Total Classes: 64*

*Hours: 64 hours*

### CURRICULUM DESIGN & WORKLOAD

Zoology is the study of animal life & is a course that will survey the nine major phyla of the kingdom Animalia. Students will study zoology through readings, videos, and a variety of online activities. Students will study the main branches of the animal kingdom including mammals, reptiles, amphibians, birds, insects, and fish, as well as others. They will study animal habitats, behaviors, diets, and adaptations. Special studies on endangered species, classification, mimicry and camouflage, as well as ecosystems and food webs, will be conducted. Students will complete projects and lapbooks and will have many opportunities to present what they have learned before an audience.

### LIVE CLASSES

We conduct live, interactive online classes using a conferencing app called Zoom. This app allows students to interact with the teacher and peers via microphone. Students will be able to see the teacher's computer screen and interact over material together during class. Each class is recorded in the event a child needs to revisit the course or for an excused absence (ie. sick day).

### WHAT IS THE CLASS SIZE?

To keep discussion vibrant, we host classes with a minimum of 4 and maximum of 12 students per class.

### WHEN DO CLASSES MEET?

Classes meet online every Monday and Wednesday from 10:00AM to 10:45AM EST.

Classes start August 23rd and end December 10th. There will be no classes on select holiday and/or vacation dates.

### WHAT ARE THE TECHNICAL REQUIREMENTS?

Students will need a good internet connection, a phone/tablet/iPad/computer with a microphone, the free conferencing app (ZOOM app), Microsoft Word or WYSIWYG editor, and access to email.

# Language Arts: Storywriting Spelling

*General Core Education*

*Total Classes:*

*Hours:    hours*

## CURRICULUM DESIGN

Spelling can be tricky, even for the most enthusiastic writers. With our spelling program, students in each grade can build their spelling skills and confidence with ease. Explore a range of word concepts from sound blends and digraphs, long and short vowel sounds, and suffixes to more complex rules of the silent -e and homophones. This teacher-developed curriculum can help students develop strong spelling and word recognition skills and reinforces strong reading development. A comprehensive spelling program extends past the simple memorization of the letters that make up the individual words.

## WHAT IS THE WORKLOAD LIKE?

In this Elementary Level Language Arts course, students will apply ELA components as they learn spelling skills and storywriting skills. Each week of this spelling program focuses on a spelling pattern in a grade level progression. Children will also have fun with words in a variety of styles that may include: word scramble, word search, writing 5x each, and more! Storywriting skills will be taught gradually throughout the course. Students must show effort and fully participate in each class.

## LIVE CLASSES

We conduct LIVE, interactive online classes using a conferencing app called Webex. This app allows students to interact with the teacher and peers via microphone. Students will be able to see the teacher's computer screen and interact over material together during class. Each class is recorded in the event a child needs to revisit the course or for an excused absence (ie. sick day).

## WHAT IS THE CLASS SIZE?

To keep discussion vibrant, we host classes with a minimum of 4 and maximum of 10 students per class.

## WHEN DO CLASSES MEET?

Classes meet online every Tuesday and Thursday from 8:30AM to 8:50AM EST & 9:05AM to 9:45AM EST. Classes start August 23rd and end May 20. There will be no classes on select holiday and/or vacation dates.

## WHAT ARE THE TECHNICAL REQUIREMENTS?

Students will need a good internet connection, a phone/tablet/iPad/computer with a microphone, the free conferencing app (Webex app), Microsoft Word or WYSIWYG editor, and access to email.