

MIDDLE & HIGH SCHOOL

The standards listed for each program are reviewed and updated regularly. Although any program can be booked for any age, each program was written with specific grades in mind. The “standards applicable to all ____ programs” section are the standards that all of our programs meet for that grade. Additional standards correlated with specific programs are listed under the title of the program.

6th Grade

Standards applicable to all 6th grade programs:

LAFS.K12.SL.1.3: Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

LAFS.K12.L.1.1: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

Endangered Species

Why do species become extinct? What can be done to save them? Discover how animals become threatened or endangered and what you can do to help save them.

SC.6.L.14.3: Recognize and explore how cells of all organisms undergo similar processes to maintain homeostasis, including extracting energy from food, getting rid of waste, and reproducing.

Zoo Insider

What do zoos do? Why do they exist? Explore the world of exotic animal management including aspects from diets, to enrichment, all the way from the front gate to the conservation beyond its borders.

No additional standards met

Animal Careers

You don't have to be a Zookeeper to work at the Zoo. This program introduces teens to the many career options both in and out of the Zoo.

No additional standards met

7th Grade

Standards applicable to all 7th grade programs:

LAFS.K12.SL.1.3: Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

LAFS.K12.L.1.1: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

Allele Bit of This...

Allele bit of that! Explore how an animal's genes affect their health and appearance. We will delve into the relationship between dominance, genotypes, and phenotypes using a very special Guinea Pig as a case study.

SC.7.L.16.1: Understand and explain that every organism requires a set of instructions that specifies its traits, that this hereditary information (DNA) contains genes located in the chromosomes of each cell, and that heredity is the passage of these instructions from one generation to another.

SC.7.L.16.2: Determine the probabilities for genotype and phenotype combinations using Punnett Squares and pedigrees.

Endangered Species

Why do species become extinct? What can be done to save them? Discover how animals become threatened or endangered and what you can do to help save them.

SC.7.E.6.6: Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.

SC.7.L.17.3: Describe and investigate various limiting factors in the local ecosystem and their impact on native populations, including food, shelter, water, space, disease, parasitism, predation, and nesting sites.

Zoo Insider

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No additional standards met

Animal Careers

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No additional standards met

8th Grade

Standards applicable to all 8th grade programs:

LAFS.K12.SL.1.3: Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

LAFS.K12.L.1.1: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

Endangered Species (6th-8th)

Why do species become extinct? What can be done to save them? Discover how animals become threatened or endangered and what you can do to help save them.

SC.8.N.1.5: Analyze the methods used to develop a scientific explanation as seen in different fields of science.

Zoo Insider

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No additional standards met

Animal Careers

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No additional standards met

9th-12th Grade

Standards applicable to all 9th-12th grade programs:

LAFS.K12.SL.1.3: Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

LAFS.K12.L.1.1: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

Allele Bit of This...

Allele bit of that! Explore how an animal's genes affects their health and appearance. We will delve into the relationship between dominance, genotypes, and phenotypes using a very special Guinea Pig as a case study.

SC.912.L.16.1: Use Mendel's laws of segregation and independent assortment to analyze patterns of inheritance.

SC.912.L.16.2: Discuss observed inheritance patterns caused by various modes of inheritance, including dominant, recessive, codominant, sex-linked, polygenic, and multiple alleles.

SC.912.L.16.4: Explain how mutations in the DNA sequence may or may not result in phenotypic change. Explain how mutations in gametes may result in phenotypic changes in offspring.

Endangered Species

Why do species become extinct? What can be done to save them? Discover how animals become threatened or endangered and what you can do to help save them.

SS.912.G.3.1: Use geographic terms to locate and describe major ecosystems of Earth.

SS.912.G.5.1: Analyze case studies of how the Earth's physical systems affect humans.

SS.912.G.5.2: Analyze case studies of how changes in the physical environment of a place can increase or diminish its capacity to support human activity.

SS.912.G.5.4: Analyze case studies of how humans impact the diversity and productivity of ecosystems.

SS.912.G.5.6: Analyze case studies to predict how a change to an environmental factor can affect an ecosystem.

Zoo Insider

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Animal Careers

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