



Prehistoric Animals

Science Academic Standards For Grade 1

I.A.1.a. Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change (qualitative observations)

I.A.2.a. Compare, sort, and group concrete objects according to observable properties.

I.A.2.b. Arrange objects in sequential order.

I.A.4.a. Use drawings, tables, graphs, written and oral language to describe objects and explain ideas and actions.

I.B1.a. Ask a question about objects, organisms, and events in the environment.

II.C.2.a. Explore and describe that living things can change the environment.

Science Academic standards for Grade 2

I.A.1.a. Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change (qualitative observations)

I.A.2.a. Compare, sort, and group concrete objects according to observable properties.

I.A.2.b. Arrange objects in sequential order.

I.A.4.a. Use drawings, tables, graphs, written and oral language to describe objects and explain ideas and actions.

I.B1.a. Ask a question about objects, organisms, and events in the environment.

II.A.1.a. Identify the basic needs of animals including shelter and living space.

II.A.2.a. Describe the relationship between animals and their habitats.

II.A.1.b. Group animals based on their habitats.

II.B.1.a. Observe and describe the growth and development of animals throughout their life cycles.

II.B.2.b. Classify animals based on their similarities.

II.C.1.a. Investigate and describe ways in which animals interact with each other and with the environment.

Science Academic Standards for Grade 3

I.A.1.a. Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change (qualitative observations)

I.A.2.a. Compare, sort, and group concrete objects according to observable properties.

I.A.2.b. Arrange objects in sequential order.

I.A.4.a. Use drawings, tables, graphs, written and oral language to describe objects and explain ideas and actions.

I.B1.a. Ask a question about objects, organisms, and events in the environment.

II.A.1.b. Select and describe an appropriate habitat for a plant or animal.

II.A.2.a. Investigate and predict how structural adaptations, such as methods of movement, defense, rearing young, camouflage and mimicry function to allow animals to respond to life needs.

II.B.1.a. Compare and describe growth of living things based on observations and measurements over time including stages of development and life.

II.B.1.b. Record and describe the growth and development of a specific plant or animal over time.

II.C.1.a. Investigate and predict ways living things will interact with each other and the environment.

II.C.1.b. Interpret the interdependency of plants and animals within a food chain by defining the following, producer, consumer, decomposer, herbivore, carnivore, omnivore, predator and prey.

II.C.2.a. Describe how habitats and organisms change over time due to many influences (effects of natural forces, wind, rain, water, air, sunlight, and temperature).

II.C.2.e. Investigate, communicate, and debate that natural events, natural resources and human influences can affect the survival/extinction of a species.

III.A.1.i. Explain how fossils provide evidence about prehistoric life and environments.

Science Academic Standards for Grade 4

I.A.1.a. Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change (qualitative observations)

I.A.2.a. Compare, sort, and group concrete objects according to observable properties.

I.A.2.b. Arrange objects in sequential order.

I.A.4.a. Use drawings, tables, graphs, written and oral language to describe objects and explain ideas and actions.

I.B1.a. Ask a question about objects, organisms, and events in the environment.

II.A.3.c. Distinguish major groups of organisms based on significant characteristics (e.g., body covering, number of legs, body parts, type of skeleton).

II.B.1.a. Describe how animals behave and interact within groups (e.g., schools, flocks, packs, hives, and herds).

II.B.1.b. Describe how animals behave and interact within their environment (living and non-living).

Science Academic Standards Grade 5

I.A.1.a. Use the senses to gather information about objects or events such as size, shape, color, texture, sound, position, and change (qualitative observations)

I.A.2.a. Compare, sort, and group concrete objects according to two attributes

I.A.4.a. Use drawings, tables, graphs, written and oral language to describe objects and explain ideas and actions.

II.B.2.a. Distinguish among roles organisms serve in a food web (producers, decomposers, consumers, prey and predators).