



Creature Features

We are pleased that you have chosen the Children's Zoo at Celebration Square to visit your classroom. You have Chosen the outreach program Creature Features. This program is about 45 minutes and geared for 5th graders. Creature Features will talk mainly about the animal adaptations. The program will include props and Biofacts like skulls, feathers and skins. Your class will also be visited by 3 live education animals. As the teacher you will receive a teacher information packet that includes 3 post visit activities (Memory, Explore and Extend).

Michigan Science GLCE (Grade Level Content Expectations) included:

- L.HE.M.1 Inherited and Acquired Traits - The characteristics of organisms are influenced by heredity and environment. For some characteristics, inheritance is more important; for other characteristics, interactions with the environment are more important.
 - L.HE.05.11 Explain that the traits of an individual are influenced by both the environment and the genetics of the individual.
 - L.HE.05.12 Distinguish between inherited and acquired traits.
- L.EV.M.1 Species Adaptation and Survival- Species with certain traits are more likely than others to survive and have offspring in particular environments. When an environment changes, the advantage or disadvantage of the species' characteristics can change. Extinction of a species occurs when the environment changes and the characteristics of a species are insufficient to allow survival.
 - L.EV.05.11 Explain how behavioral characteristics (adaptation, instinct, learning, habit) of animals help them to survive in their environment.
 - L.EV.05.12 Describe the physical characteristics (traits) of organisms that help them survive in their environment.
 - L.EV.05.14 Analyze the relationship of environmental change and catastrophic events (for example: volcanic eruption, floods, asteroid impacts, tsunami) to species extinction.

Students will:

- Distinguish between an inherited trait and acquired trait
- Analysis environmental change on animal survival
- Identify behavioral can physical characteristics of different animals