

Breeds of Companion Animals: Exotics

Media Type: Microsoft® PowerPoint® Presentation

Duration: 111 slides

Goal: To gain insight into the variety of exotic small animals available as companion animals by detailing several popular breeds as well as the characteristics of each.

Description: This presentation includes detailed information about popular exotic small animal breeds and various characteristics related to each breed.

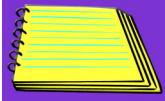
Objectives:

1. To examine the popular species of exotic small animals.
2. To identify the characteristics of common companion breeds.
3. To understand which breeds are appropriate for different settings and uses.

Horizontal Alignment

Core-Subject Area	Foundation Concept	Basic Understanding
Science	<i>Scientific Thinking & Investigating</i>	• Field and laboratory investigations • Critical thinking and scientific problem solving • Real-world investigations and applications • Analytical skills • Hypothesis development • Researching and proving theories • Collecting data • Conducting experiments • Technology-based research • Evaluating conclusions • Compare/contrast findings • Classification/organization skills
	<i>Scientific Laws & Principles</i>	• Cycles, structures and processes • Principles of biology, chemistry, anatomy, physiology or psychology • Human development • Horticulture • Patterns of behavior • Physical or kinesthetic activity • Periodic table • Food safety and sanitation • Temperature control • Equation development and solution • Physical and chemical reactions • Laws of physics

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Lesson Plan

Student and Teacher Notes are available to print in outline format. You can access these documents under the "Printable Resources" section. If student licenses have been purchased, an interactive version of the Student Notes is available in the "Interactive Activities" section. If printing the full PowerPoint® is desired, you may download the file and print the handouts as needed.

Class 1: Hand out the *Student Handouts*. Show the *Breeds of Companion Animals: Exotics - Birds* segment. Distribute the *Breed Chart Project* and the *Animal Diversity Paper Project* and allow students to work.



Slides
1-18

Class 2: Show the *Breeds of Companion Animals: Exotics - Fish* segment. Distribute the *Fish Tank Activity* and allow students the remainder of the class to work.



Slides
19-36

Class 3: Show the *Breeds of Companion Animals: Exotics - Guinea Pigs and Hamsters* segments. Allow the remainder of the class for students to work on their *Projects/Activities*.



Slides
37-57

Class 4: Show the *Breeds of Companion Animals: Exotics - Rabbits* segments. Allow the remainder of the class for students to work on their *Projects/Activities*.



Slides
58-72

Class 5: Show the *Breeds of Companion Animals: Exotics - Amphibians and Reptiles* segments. Allow the remainder of the class for students to work on their *Projects/Activities*.



Slides
73-99

Class 6: Show the *Breeds of Companion Animals: Exotics - Other Common Pets* segment. Distribute the *Popular Breeds Activity* and allow students to work.



Slides
100-111

Class 7: Distribute the *Assessment* and instruct students to complete it. Allow students to finish any uncompleted work.

Class 8: Review any necessary material from the presentation. Allow students to finish any uncompleted work. Students should then present the *Breed Chart Project* to the class.



Lesson Links

Responsible Exotic Animal Ownership

- <http://www.rexano.org/>



Career & Technical Student Organizations

FFA

- Veterinary Science
- Agricultural Sales



Career Connections

Using the *Career Connections Activity*, allow students to explore the various careers associated with this lesson. See the *Activity* for more details. *If student licenses have been purchased:* Students will select the interviews to watch based on your directions. *If only a teacher license is purchased:* Show students all the career interviews and instruct them to only complete the interview form for the required number of interviews.

- iCEV50855, John Pipkin, Ph.D., Professor, Animal Scientist, West Texas A&M University
- iCEV51095, Susan Bozeman, D.V.M., Owner & Veterinarian, Bozeman Animal Clinic
- iCEV50002, Jessica Bacon, Veterinary Technician, Emergency Pet Hospital of Collier County in Naples, FL

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Lab Activities

Fish Tank

Directions:

Students should research and create a fictional fish tank with multiple breeds included in the presentation. Using their research, students should create small illustrations with short explanation as to why each fish included in their tank would do well with its counterparts. Remind students to use credible sources ending in .edu, .gov or .org.

Popular Breeds

Directions:

Students should conduct additional research to discover the most popular categories of exotic animals among all included within the presentation. Using their research, students should a small chart to organize their findings. Remind students to use credible sources ending in .edu, .gov or .org.



Projects

Breed Chart

Directions:

Students should conduct additional research for a category of exotic animal, with five breeds from the presentation and five new breeds not included in the presentation. Using this research, students should create a breed chart with five categories similar to the example given on their project handout. Remind students to use credible sources ending in .edu, .gov or .org.

Animal Diversity Paper

Directions:

Students should research and write a one to two page paper detailing comparison between two or more different species included in the presentation. Remind students to use credible sources ending in .edu, .gov or .org.