

# Lesson 1 – The Chimp Life



In this lesson, students will learn about Chimp Haven, the basic characteristics of chimpanzees, and how chimpanzees and humans aren't that different.

**Crosscutting Concepts** – cause & effect, patterns, stability & change

**NGSS Reference** – MS-LS2-2 Ecosystems: Interactions, Energy, and Dynamics

**Clarification Statement:** Emphasis is on predicting consistent patterns of interactions in different ecosystems in terms of the relationships among and between organisms and abiotic components of ecosystems. Examples of types of interactions could include competitive, predatory, and mutually beneficial.

## Vocabulary

- **Alpha** – the highest ranking chimpanzee in a troop
- **Bipedalism** – form of movement where an animal moves by means of its two rear limbs or leg (two-feet)
- **Chimpanzee** – a Great Ape originating from Africa who is the closest living relative to humans
- **Great Ape** – a large primate of the family Pongidae which includes the chimpanzee, bonobo, gorilla, and orangutan
- **Omnivore** – an animal who eats both plants and other animals
- ***Pan troglodytes*** – scientific name of the common chimpanzee
- **Sanctuary** – a place where animals live for the rest of their lives under protection and cared for by humans
- **Thorax** – The part of a mammal's body between the neck and the abdomen
- **Troop** – a chimpanzee community or chimpanzee group
- **Vertebrae** – each of the series of small interlocking bones forming the backbone and spinal column



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Time	Teacher	Student
<p><b>Engage</b> 10 mins</p>	<p>Introduce students to the concept of the sanctuary by explaining that they'll watch an introductory video about Chimp Haven. Before students watch have them consider "What do you think chimpanzees need to live good lives?"</p> <p><a href="#">Living the Chimp Life Video</a></p> <p>Have students fill out an anticipation guide to activate their chimpanzee and sanctuary knowledge.</p>	<p><b>Brain Dump</b> Have students write down what they learned from the video, their thoughts, reactions, and what they still want to know.</p> <p><b>Anticipation Guide</b> Have students fill out the "before" section of the anticipation guide and discuss why they chose whether they agree or disagree.</p>
<p><b>Explore</b> 20 mins</p>	<p>Ask students what they learned from the video.</p> <ul style="list-style-type: none"> <li>• Go over the vocabulary words with students or have them read through independently.</li> <li>• Share that Chimp Haven acknowledges chimpanzee residents as individuals and that they aren't that different from humans.</li> <li>• Ask students to take five minutes exploring the web page to learn more. Have them consider "Why can't chimpanzees formerly used in research be released into the wild?"</li> <li>• For more information about the sanctuary visit the link.</li> </ul> <p><a href="#">About Chimp Haven Web Page</a></p>	<p><b>Research</b> Have students take five minutes to explore the web page and consider their anticipation guide.</p>
<p><b>Explain</b> 15 mins</p>	<p>Have students read the blog post on myths and facts of chimpanzees after they fill out the "before" section of the anticipation guide.</p> <p><a href="#">Myths and Facts Blog</a></p>	<p><b>Anticipation Guide</b> Have students fill out the "after" section of the anticipation guide and ask them to share some of their misconceptions with each other and name something that they learned from the blog post.</p> <p><b>Features Exercise</b> Ask students to try to find identifying features of chimpanzees and tell it to a friend.</p>



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<p><b>Elaborate</b></p> <p>15 mins</p>	<p>Present the ideas that chimpanzees and humans have many similarities and differences, which Chimp Haven acknowledges when creating their care plans.</p> <ul style="list-style-type: none"> <li>• Have students consider “What are some of the physical and behavioral differences between the two species?” while watching the video.</li> </ul> <p><a href="#">Human vs. Chimp Skeleton Video</a></p>	<p><b>We’re Not that Different Activity</b></p> <p>Ask students to fill out the worksheet.</p>
<p><b>Evaluate</b></p> <p>30 mins</p>	<p>Hold a discussion with students as a whole or in small groups.</p> <p>Care staff at Chimp Haven have to learn how to identify all chimpanzees in their care by sight within their first 90 days. Now that the students have more knowledge about chimpanzees and human similarities have the students get to know some of the residents and take a fun quiz to see if they can identify them.</p> <p><a href="#">My Favorite Chimp Bonus Video</a></p>	<p><b>Discussion</b></p> <p>Hold a discussion with students as a whole or in small groups.</p> <p><b>Chimpanzee Identification Activity</b></p> <p>As a bonus activity have students test their identification knowledge by taking the quiz.</p>



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