

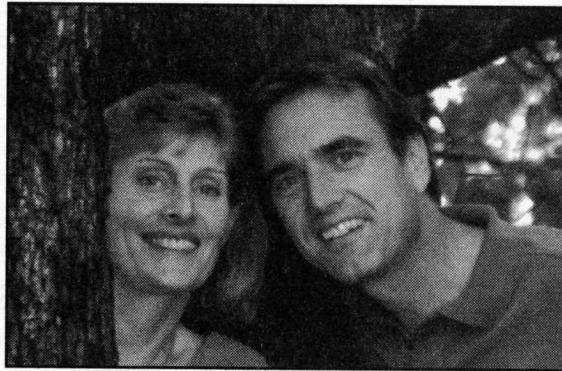
A Teacher's Guide to

# Lifetimes

Lesson plans for the book *Lifetimes* by David Rice

by Bruce & Carol Malnor

Bruce and Carol Malnor together have over 40 years of educational experience. Bruce has been a classroom teacher, elementary school principal, and is a certified Brain Gym instructor. Carol has taught elementary, junior high and high



school, and has helped found two alternative high schools. They are directors of the Education for Life Foundation and have conducted workshops for educators throughout the U.S., as well as in Canada, Germany and Italy.



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*Sharing Nature  
with Children Series*

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# Chimpanzee



## Objectives

- Identify similarities and differences between objects

## Benchmarks

- Categorizes items into groups of natural and designed objects (Science 7, Level II)
- Identifies the similarities and differences between persons, places, things, and events using concrete criteria. (Life Skills 3, Level I)

## Skill for Living

- Creativity, concentration

## Materials

- Paper, pencil

### Awaken Enthusiasm



Tell the class that many animals are intelligent. Ask them to tell about something they have seen a dog, cat, or other animal do that shows they are smart.

### Focus Attention



Read about Chimpanzees in *Lifetimes*. Mind Map the information.

### Direct Experience



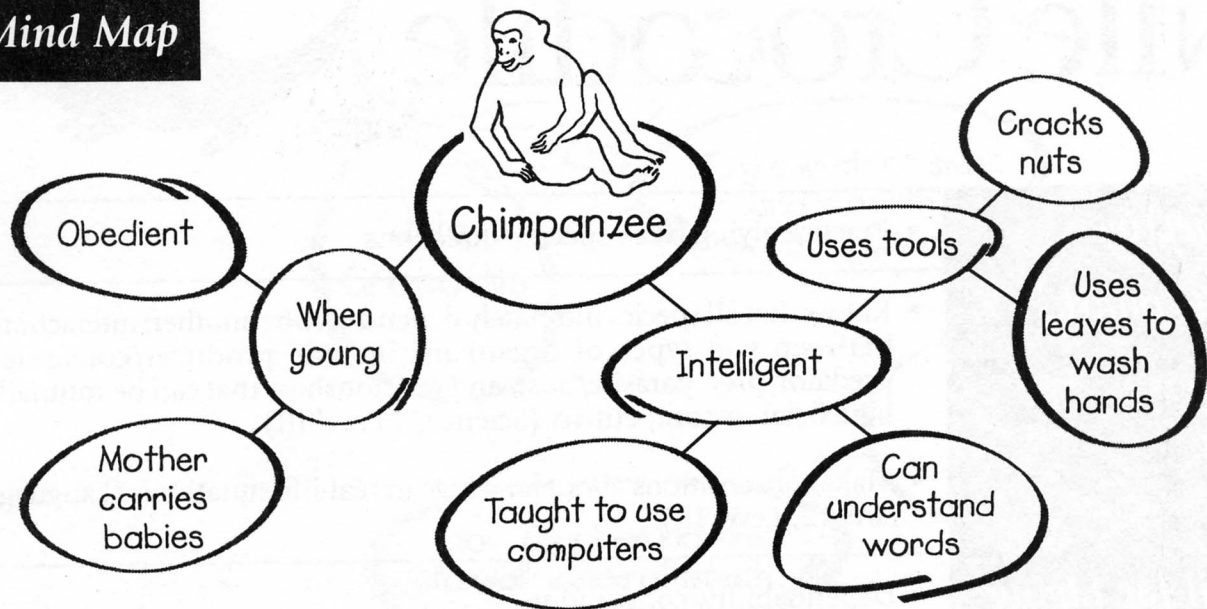
(1) Emphasize the last statement about the chimpanzee from *Lifetimes*, "Chimpanzees remind us ...." Brainstorm with the class similarities and differences between chimpanzees and humans. Begin by listing similarities on the board. Start each statement with the word "both." For example, "Both chimps and humans can learn to use tools." "Both are carried by their mothers when they are babies." "Both have forward facing eyes." (2) List differences following the form of these examples, "A chimp usually sleeps up in trees, while a human usually sleeps in a bed." "A chimp eats only vegetables, while a human sometimes eats meat." "A chimp doesn't wear clothes, while most humans wear some type of garment." (3) After compiling a long list, divide the class into groups of three to five students each. Using the list of "Other Pairs" on the opposite page, have each group choose pairs of items and complete lists of similarities and differences. They should find at least three similarities and differences for each pair and complete as many as possible in a 15-minute time period.

### Share Inspiration



When finished, ask each group to choose one similarity and one difference that they like the best to share with the entire class.

## Mind Map



## Similarities & Differences

Humans and Chimpanzees	
<u>Similarities</u>	<u>Differences</u>
Both use tools	Chimps sleep in trees, people in beds
Both have opposable thumbs	Chimps don't wear clothes, most people wear some clothes
Both nurse their young	
Both are sociable	

## Other Pairs to Compare

Submarine — Fish  
 Window — Mirror  
 Blade of grass — Fully grown tree  
 Lamp — Sun  
 Hand — Foot

Sky — Ocean  
 Apple — Orange  
 Lake — Puddle  
 Flashlight — Candle  
 Table — Chair