

The Chimpanzee Family

Read - *The Jane Goodall Chimpanzee Family Book*. Define "grooming" (see vocabulary list), discuss chimpanzee communication (vocalizations, facial expressions)

Objectives: Discover how and why chimpanzees engage in grooming. Make a list of the benefits of grooming. Learn about chimpanzee communication. Discuss the similarities between chimp and human communication. Discuss the differences.

Materials:

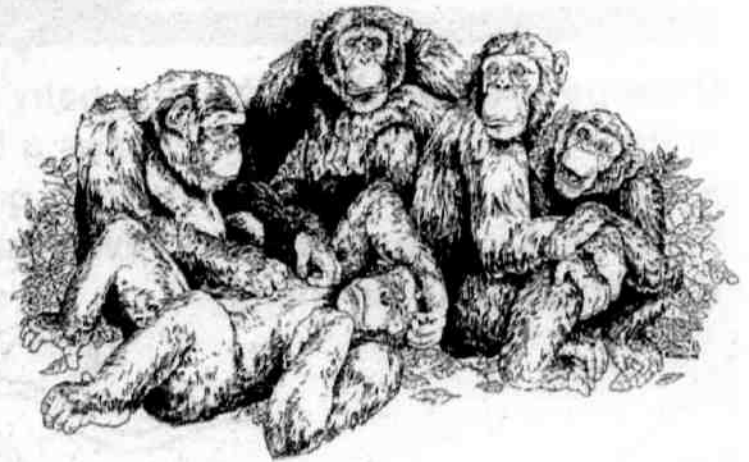
- Copy of *The Jane Goodall Chimpanzee Family Book* (available in your local library)
- copies of **The Chimpanzee Family** activity page
- crayons or markers

Pickin' and Grinnin' - Grooming and Communication in the Chimpanzee Family

■ Background Information - **GROOMING**

Chimpanzees and other primates often groom themselves and each other. Grooming removes dirt and parasites. Primatologists feel that social grooming is probably the most important social behavior among chimpanzees, serving to maintain or improve friendships and reinforce the bonds between group members.

*Do other animals groom themselves and/or each other? (Dogs, cats, birds etc...)
How about humans?*



■ Background Information - **COMMUNICATION**

Because chimpanzees live in complex family groups, they use a wide range of auditory, visual, and tactile signals adapted both for distant and close communication. Chimpanzees have been called the noisiest of all African animals! With their loud calls, they can wander far within their territory and still stay in contact with community members.

Scientists studying chimpanzees have identified 32 different calls that are versions of 4 call types: grunts, barks, screams, and hoots. The famous "pant-hoot" is a call that chimpanzees use to signal their sex and individual identity. Chimpanzees also cry, whimper, laugh, lip smack and tooth clack to express their emotions or feelings.

Chimpanzees are very sensitive to facial expressions, including eye movements. They constantly monitor the faces of other members of the group to discover their moods and intentions.

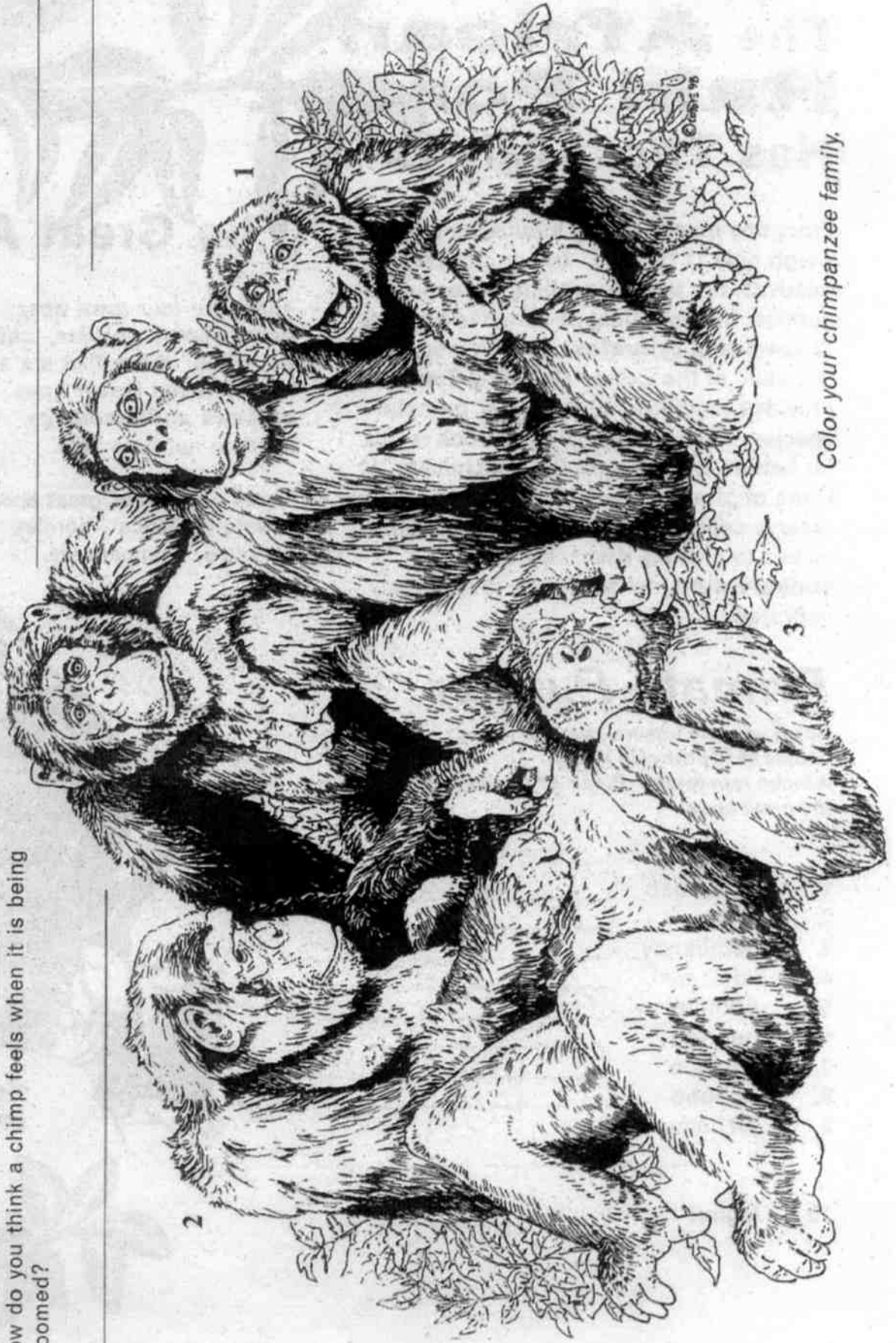
(Source: The Behavior Guide to African Mammals by Richard Estes)

● See the **Ranger Rick NatureScope** activity, **Face It!** on page 7 of **Amazing Animals - Part II**

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Can you find a chimp that is smiling? _____ This is called a "play face". Animals and people have ways of showing others when they want to play. How does your pet dog or cat show you it wants to play?

Which chimp is grooming? _____
Which chimp is being groomed? _____
How do you think a chimp feels when it is being groomed? _____



Color your chimpanzee family.