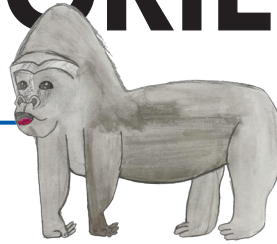


GORILLAS

Zooworks



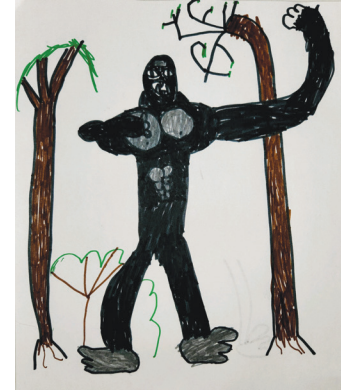
Lillian B., age 10



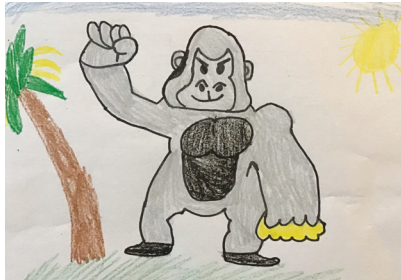
Blakely G., age 8

*In the jungle, who is mighty and brave?
 It's not bats sleeping in a cave.
 They might be strong but so are their hearts,
 For it's losing their family that tears them apart.
 They beat their chests oh so strong,
 And them being endangered is so very wrong.
 They are still amazing.
 I'm talking about gorillas!*

By Shiloh S., age 9



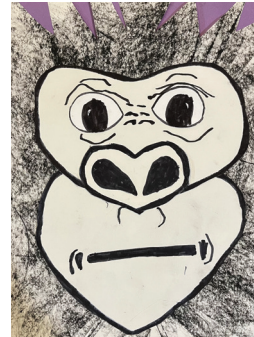
Declan K., age 7



Addison B., age 10



Hannah C., age 9



Landon M., age 5



Rosemary A., age 11

Gorillas live in groups of up to ten animals, that consist of one male and many females and babies.

By Remy B., age 8



Kirby D., age 6



Visit us at
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 even more
 fun!

Look for Activity Pages Online!

Visit rangerrick.org/ZBactivities to find fun gorilla activities to print or download.

Plus at rangerrick.org you'll find:

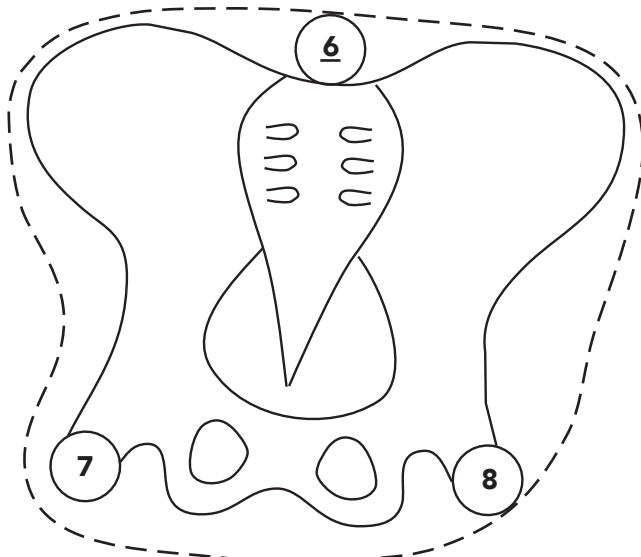
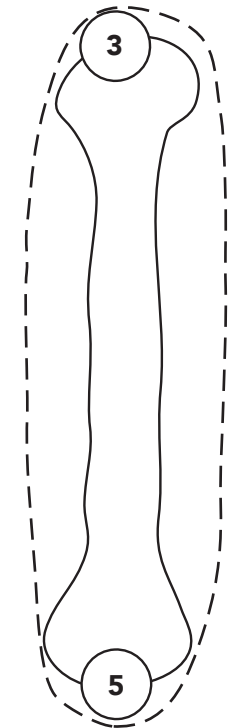
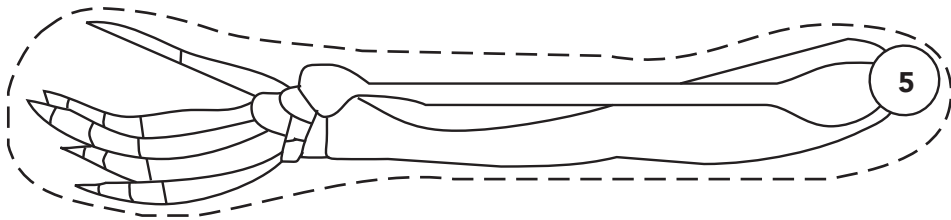
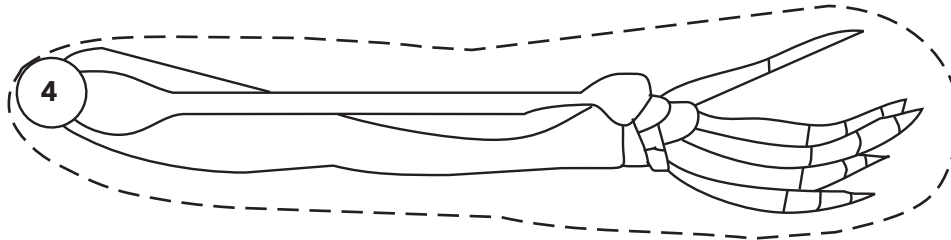
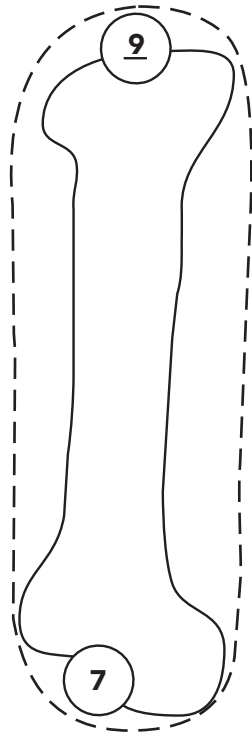
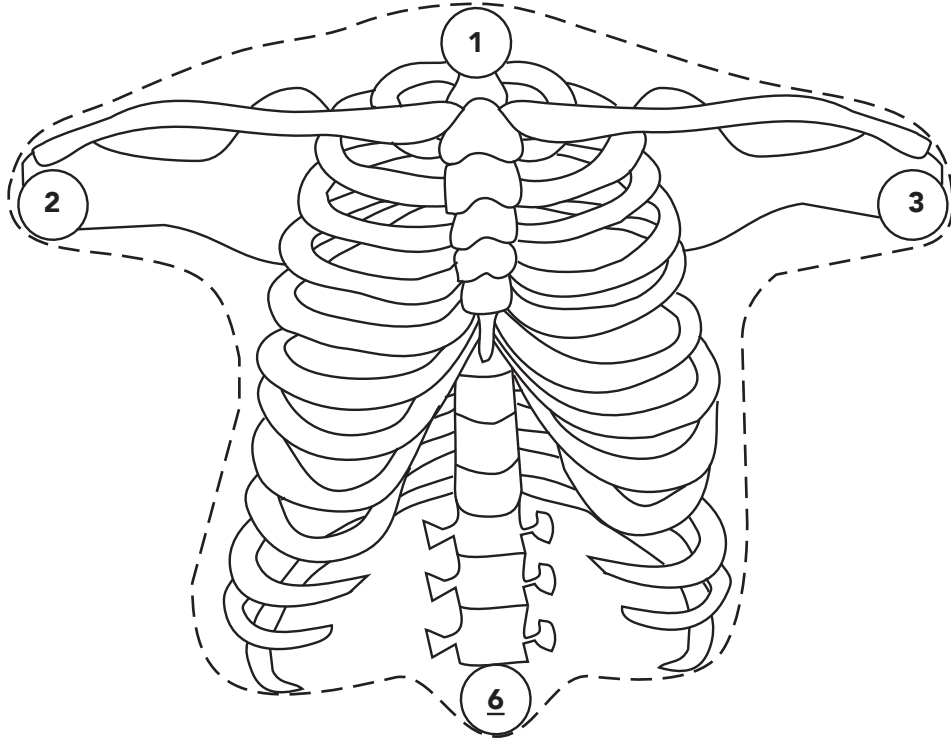
- Interactive games
- 50 pictures, poems and stories from kids like you
- Animal videos

Would you like to see your work published in **Ranger Rick Zoobooks**?

Here's what to do: Go to www.rangerrick.org/zooworks for rules and deadlines.



We want to see your original poem, story, or drawing by May 30, 2023 for "Birds of Prey," or June 27, 2023 for "Animal Babies."



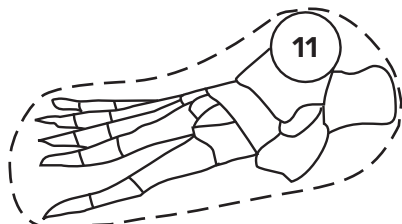
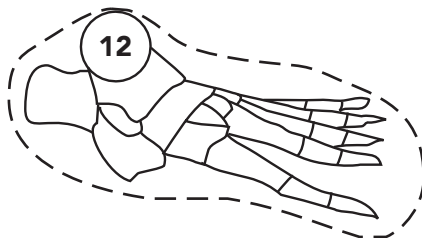
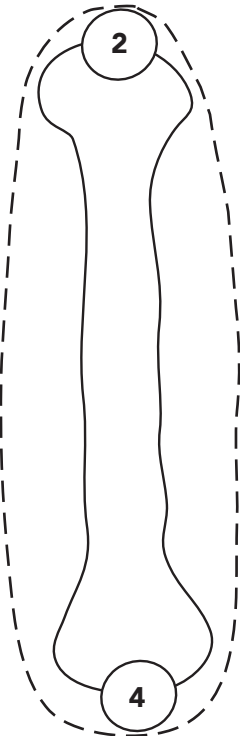
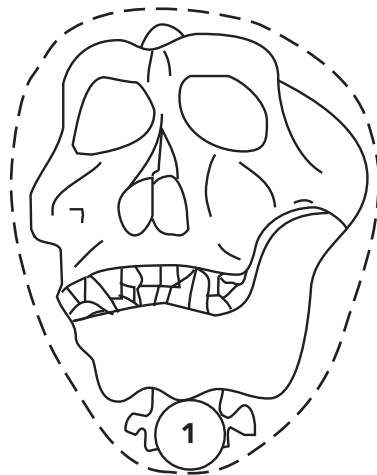
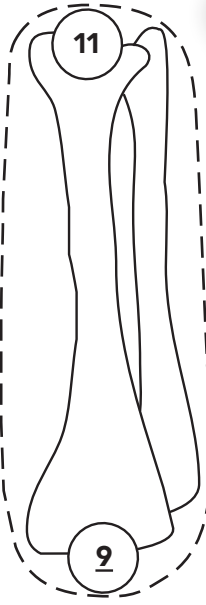
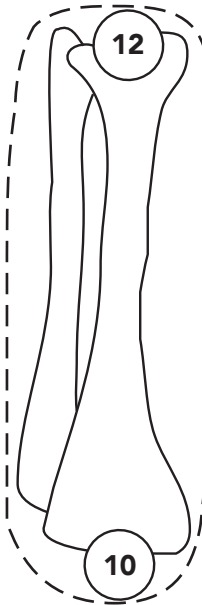
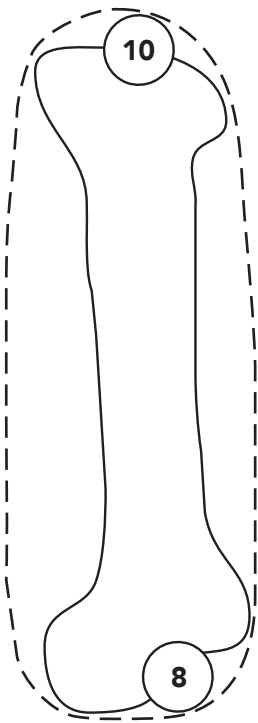
No BONES About It

You can make a model skeleton of a gorilla. First cut out all the parts. Then, arrange the bones from the skull down to the feet. If you need help, match the pairs of numbers on the bones. Check to see that all the parts are in the right place. You can compare your skeleton model to the picture of the gorilla skeleton in this issue of *Ranger Rick Zoobooks*®. When all the bones are in place, tape or glue them together.

Did you know that your skeleton has 206 bones? These bones work together to give your body shape, protect your vital organs, and, with your muscles, allow you to move. Your skeleton also contains your bone marrow, which is the place where your blood is made.

A gorilla's skeleton is surprisingly similar to yours. Like your skeleton, it has a skull, a backbone, a rib cage, pelvic bones, and arm and leg bones. All are generally in the same position as yours. The biggest difference between a gorilla's bones and your bones is their size. Also, since a gorilla needs a more powerful jaw than you do, its skull is shaped differently.

You can read more about a gorilla's skeleton and jaws in this issue of *Ranger Rick Zoobooks*®!



A Word About GORILLAS

The coded messages on this page define new gorilla words. But each message is written in a different code. Break each code to discover a hidden message. Write the definition on the line or lines. **Answers below.**

- 1 To define **home range**, write down the letter in the alphabet that comes **after** each letter in the coded message. (In this code, A follows Z.)

RLZKK ZQDZ HM VGHBG Z FQNTQ NE
FNQHKKZR TRTZKKX RSZXR

S M A L L

- 2 Start with the letter in the star. Write down every other letter. Then, divide the letters into words to define **silverback**.

A S N E A L D I U N L A T A M N A D L D E E G R O E R K I H L I L R A L
W Z H K O K S Z E Q B D A Z C H K M T V U G R H N B S Z G F R Q
A N Y T E O R N A E S F H H E N G Q E H T K S K O Z L R D T E R R

- 3 The definition for **troop** is written in a number code. Use the number code at the bottom of the page to rewrite the message.

1 6 1 13 9 12 25 7 18 15 21 16

15 6 7 15 18 9 12 12 1 19

18 1 14 7 9 14 7 9 14 19 9 26 5

6 18 15 13 6 9 22 5 20 15

20 8 9 18 20 25 7 15 18 9 12 12 1 19

Number Code

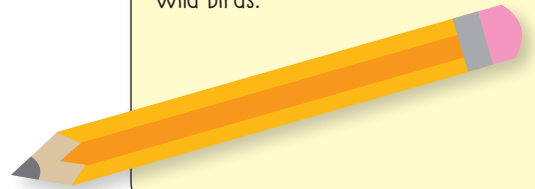
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

Now that you've learned about several different kinds of codes, use one of the codes to write a message to a friend or your family. You might even wish to write a coded message about something you have learned about gorillas.

ATTENTION

All Future Field Scientists!

Great naturalists like Dian Fossey learned many things by patiently watching and listening to gorillas go about their daily business. You can be a field scientist, too. Take a pad and pencil or an audio recorder and observe your family pet for several minutes two or three times a day. Make a record of what you observe and collect your notes into an album. You can even take pictures. Be sure to stay far enough away that you are not influencing your pet's behavior. If your family does not have a pet, try a friend or neighbor's pet (with their permission) or you can even observe wild birds.



Answers
A Word About Gorillas:
1. Small area in which a group of gorillas usually stays. 2. An adult male gorilla whose back turns grayer as he gets older. 3. A family group of gorillas ranging in size from five to thirty gorillas.

Credits: Created and Designed by Carol Prime; Additional Design and Production by Shawn Biner