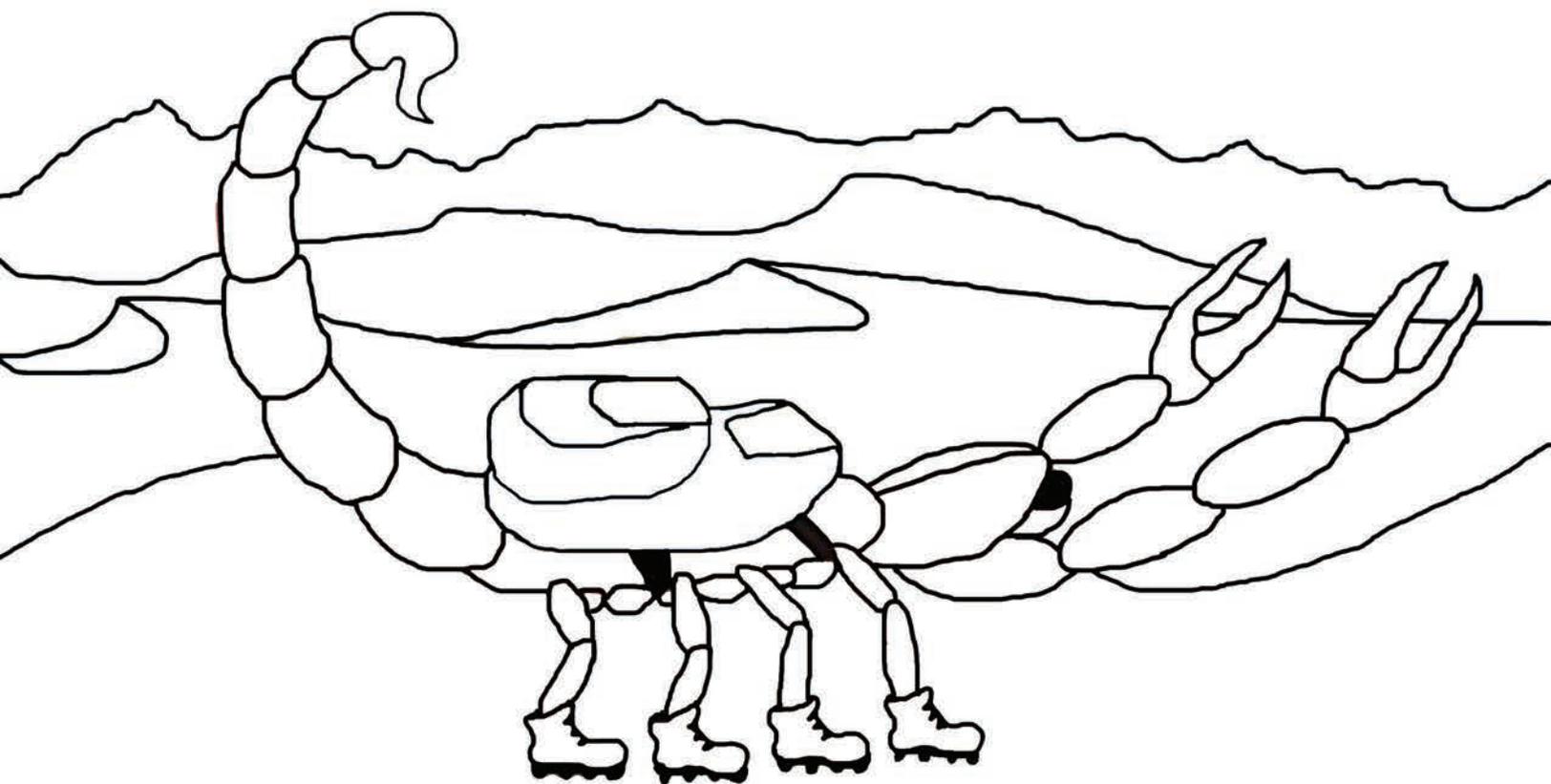




Junior Ranger



NAME _____

AGE _____

How to become a DEATH VALLEY JUNIOR RANGER

Complete the right number of activities for your age.

Ages 6 and under - do at least 2 activities PLUS answer 3 questions

Ages 7-10 - do at least 4 activities PLUS answer 5 questions

Ages 11 and above - do ALL of the activities PLUS answer 8 questions

Look for answers to these questions in the exhibits, park brochure and film

Death Valley is the HOTTEST, DRIEST, and
____ _ .

What was the hottest temperature ever
recorded in Death Valley?
_____ degrees

What is the lowest place in Death Valley?
____ _ BASIN

What is the highest place in Death Valley?
____ _ PEAK

What kind of fish lives in Death Valley?
____ _

Name one mammal, one reptile, and one bird
that lives in Death Valley?

MAMMAL _____

REPTILE _____

BIRD _____

What American Indian tribe lives
in Death Valley?

____ _

____ _

What are the 3 big minerals that were mined
in Death Valley? ____ _ ,
____ _ , and ____ _

What do YOU like best about Death Valley?

Desert Survival

To have a safe and fun visit to Death Valley you must take the right things with you.

Circle the 5 most important things to have in Death Valley.



- WATER
- HAT
- TOYS
- FLASHLIGHT
- CELL PHONE
- SUNGLASSES
- BOOTS
- SHIRT
- SHORTS
- DAYPACK
- CAMERA
- BINOCULARS
- MAP
- FOOD
- TEDDY BEAR
- COMPUTER
- FIRST-AID KIT
- SUNSCREEN
- CANDY
- HAIRBRUSH
- WHISTLE
- BICYCLE
- TELEVISION
- WALKING STICK

What does everybody need to survive in Death Valley?

— — — — —

When Do You Wake Up?

What would it be like to live in one of the hottest places in the world during the middle of July? Temperatures often get above 120° Fahrenheit (48° Celsius) in the shade. When would you be active? Some animals have adapted to the heat by adjusting their schedules.

Which of the terms below best describe these desert animals' activity?

NOCTURNAL (nock-tur-nal) animals are most active during the night, usually staying in burrows during the day to stay out of the heat.

DIURNAL (die-yur-nal) animals are most active during the day, though most of them find a shady place to rest when the sun is hottest.

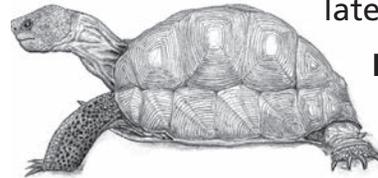
Zebra-tailed lizards warm up their bodies by basking in the morning sun. To avoid heat, they run as fast as 18 mph (29 kph) to shady areas.



Zebra-tailed lizards are:

- NOCTURNAL
- DIURNAL

Desert tortoises live in underground burrows. If they come out during the hottest part of the year, it is in the morning and late afternoon.

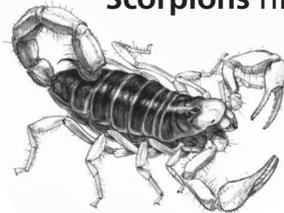


Desert tortoises are:

- NOCTURNAL
- DIURNAL

Scorpions hide from the light under rocks

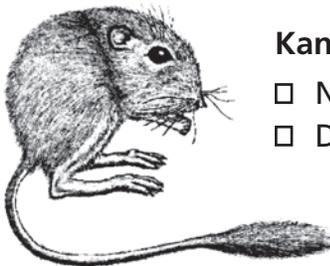
and bark. Their eight tiny eyes are so sensitive they can see by starlight. They hunt their prey by feeling vibrations.



Scorpions are:

- NOCTURNAL
- DIURNAL

Kangaroo rats have large eyes to help search for seeds in the dark. When the moon is bright they stay in their burrows to avoid predators.



Kangaroo rats are:

- NOCTURNAL
- DIURNAL

Coyotes hunt small animals in the moonlight, drink from desert springs during the day, and can be heard singing anytime in a 24-hour period.



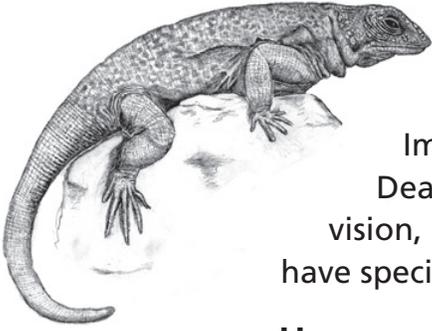
Coyotes are:

- NOCTURNAL
- DIURNAL

Name two other diurnal Death Valley animals.

Name two other nocturnal Death Valley animals.

Build an Animal



Imagine what you would want to be like if you were an animal in Death Valley. You could fly, run, hop, or slither. You could have night vision, great hearing, or a perfect sense of smell. The animals that live here have special ADAPTATIONS to help them survive in the hot and dry desert.

**Use your imagination to invent a desert animal.
Draw a picture of your creation and its home below.**

Answer these questions about the adaptations your animal uses to survive in Death Valley.

What is your desert animal called? _____

Where does it live in the park? _____

How does it survive extreme heat? _____

How does it get water? _____

How does it protect itself from enemies? _____

Museum Animal Hunt



Find 10 of these animals in the museum exhibits.

Use your senses: look for some, listen for others, and be sure to see what they feel like. Animals like to hide, so look carefully!

- Ravens** will eat just about anything, even stinky, dead animals.
- Bighorn Sheep** like to climb on rocks. Can you find the bones of one, too?
- Kangaroo Rats** sleep in underground dens. Climb inside to see this one.
- Sidewinders** are desert rattlesnakes. Pet this one, but a real one will bite!
- Chuckwallas** are big lizards that hide in cracks. Can you find two?
- Pupfish** are tiny, but the males are bright blue.
- Scorpions** hunt at night. This one is hiding inside something.
- Great Horned Owls** hunt at night. If you were a mouse, would you be afraid to hear one hoot?
- Lizards:** Can you find a zebra-tailed lizard? What about a striped, whip-tailed lizard? The side-bloched lizard has a dark "bloch" next to its armpit.
- Roadrunners** move very fast to hunt lizards. Watch this one run.
- Coyotes** howl wild songs. Do you think they could sing you to sleep?
- Tarantulas** are big, hairy spiders. Don't be afraid, they only look scary.
- Sphinx Moths** hover like hummingbirds while they sip nectar from flowers.
- Pinacate Beetles** act like skunks when something tries to get them.
- Kit Fox** use their big eyes and ears to hunt in the dark. The better to see and hear you with, my dear.



A Wilderness Park

Death Valley National Park is 95% WILDERNESS—a special place where humans no longer are allowed to change the landscape. When you are exploring the wilderness, you should leave it the way you find it.

About *one million people* visit Death Valley every year. Even little changes made by each visitor can make a big impact all together.

Draw or describe the impacts these changes would make on the wilderness.

If each park visitor picked a plant or flower.....



X 1,000,000 visitors

...what would happen?

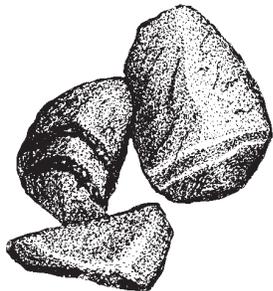
If each park visitor fed the wild animals or birds.....



X 1,000,000 visitors

...what would happen?

If each park visitor collected a few rocks.....



X 1,000,000 visitors

...what would happen?

If each park visitor scratched their name on the walls of the canyons.....



X 1,000,000 visitors

...what would happen?



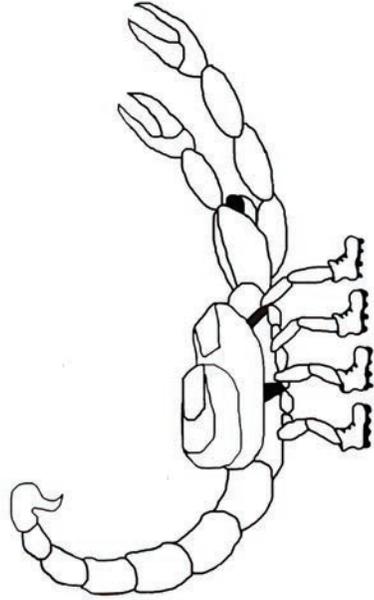
Junior Ranger

I will help protect all national parks.

I will help keep wildlife wild.

I will leave rocks, plants and historic objects where I find them for everyone to enjoy.

I will share what I learn with others.



Junior Ranger Signature / Date

Ranger Signature / Date