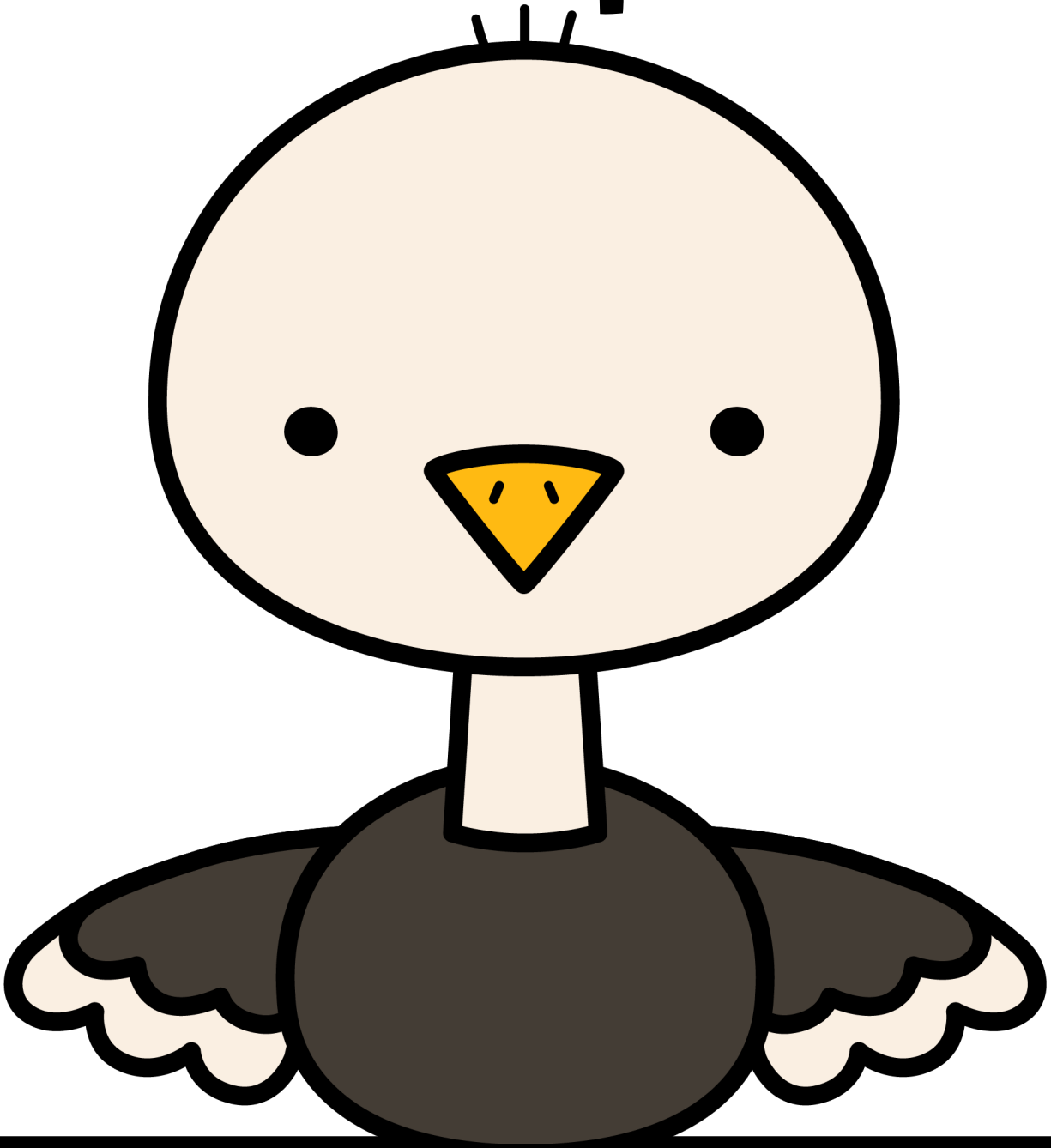


Ostrich Lapbook



Ostrich Research and Lessons

Research contributed by Lisa H.

Lapbook made by Ami

Ostriches are fascinating: they are 8 feet tall, weigh 300 pounds, have two toes, can't fly, and eat rocks!

Scientifically speaking:

Classification of ostriches

Kingdom: animalia

Phylum: chordata

Class: aves

Order: struthioniformes

Family: struthionidae

Genus: struthio

Species: s. camelus

Their scientific name means *camel-like*.

If ostriches cannot fly, then why do they have wings?

While their wings cannot lift them off the ground, an ostrich will use its wings to change direction while running up to 45 miles per hour.

Meet the Ostrich Family:

Ostriches live in herds of 5-50 birds.

Males are called roosters and females are hens.

The dominant male will attract the female by kantling: he will lay on the ground, rock back & forth, stretch out his wings and make a very loud noise. The rooster

will then scrape a hole in the dirt that becomes a nest.

A hen can lay up to 100 eggs a year, but usually will lay about 60. She can lay an egg every other day. Other hens in the herd will lay their eggs in the nest. Each hen can identify her eggs, but only the dominant rooster and hen will incubate the eggs and later raise the chicks.

The time it takes for a newly laid egg to hatch is about 42 days.

The dominant couple will take turns sitting on the eggs. The hen will sit through the day and the rooster will sit through the night. The hen's grey colored feathers help her to blend into the sand, making it hard for predators to spot her. The same thing is true of the male. His dark brown feathers make him a hard target to spot at night.

Ostriches Don't Live in Houses

Ostriches are capable of increasing or decreasing their own body temperature by four degrees. This allows them to live in many different climates. They used to be found over all of Africa except in very green or moist areas. Currently, the ostrich can be found in the semi-arid savannahs of Southern Africa.

Ostriches have lived in Asia and the Middle East, but hunting and habitat destruction has caused them to die out. Currently they are not endangered, but the size of herds has dwindled, raising concern and attention.

Growing up Ostrich:

An ostrich chick is introduced to its somewhat dry savannah home in Southern Africa when the chick breaks out of its 5x7 inch egg.

- The eggs weigh approx. 3 lbs.
- Only 10% of eggs hatch.
- The chick's first lesson outside the egg is how to find and eat food and is taught by the rooster.

- The chick grows very fast at a speed of 12 inches every month until it is 7 or 8 months old.
-

Ostrich Grub:

Ostriches are omnivores, but if ostriches used dishes, here's what you would find on its plate:

- Succulent plants
- Seeds
- Roots
- Flowers
- Leaves

And occasionally:

- Lizards
- Locusts

And always you'll find:

- Rocks

Ostriches have no teeth to help them break up the food they eat. So, they eat stones to help grind their food in their gizzards (not in their stomachs).

Most of an ostrich's water intake comes from the plant life it eats.

Ostrich Anatomy 101:

Height: 6-9ft tall (1.75-2.75 m)

Weight: 200-330 lbs. (90-150 kg)

Eye: 2" making it the largest eye of land animals

Weird Ostrich Facts:

1. An ostrich's brain is no bigger than its eye.

2. You wanted a soft boiled ostrich egg, you would have to boil it for almost two hours.
 3. An ostrich has only two toes. Other birds have 3-4 toes.
 4. A hen can lay a 3 pound egg every other day.
 5. They like to travel with grazing groups like zebras.
 6. Ostriches can whistle, snort and make booming sounds.
-

Exposing the truth: ostriches are not chickens!

When confronted by a predator, an ostrich will not bury its head in the sand. An ostrich will do one of three things:

1. Run away from the egg nest, hoping to lure the predator away from the eggs.
 2. Lay flat on the desert sand, making it harder for the predator to see it.
 3. Stand and fight with its powerful legs and sharp clawed toes. One blow of an ostrich foot can seriously hurt or even kill a lion.
-

Materials and information on this website may be used for your own personal and school use. **Material may not be shared electronically or be used for resale.**

© Homeschool Share

Ostrich Classification

Directions: Cut out strips. Stack in order smallest to largest with cover on top and staple where indicated.

Kingdom

Phylum

Class

Order

Family

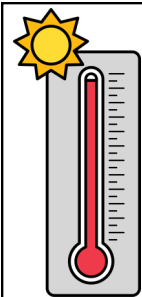
Genus

Species

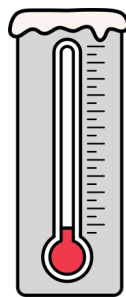
Directions: Cut book out as one piece. Fold left side under. Fold right side so that it is the cover of your book. Open book. Cut on dotted lines to form two flaps. Write (or cut/paste) answers to the questions under the flaps.

They warm up by hiding in their feathers and drawing their feet up.

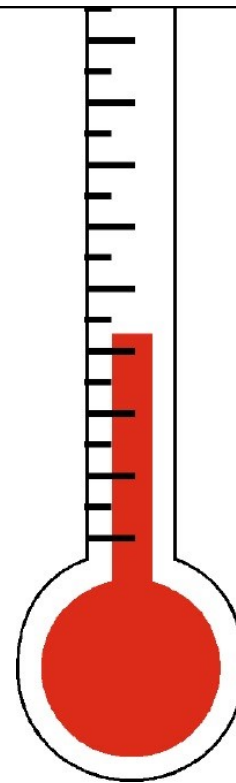
They cool down by stretching out their necks, feet, and legs.



How does an ostrich warm up?



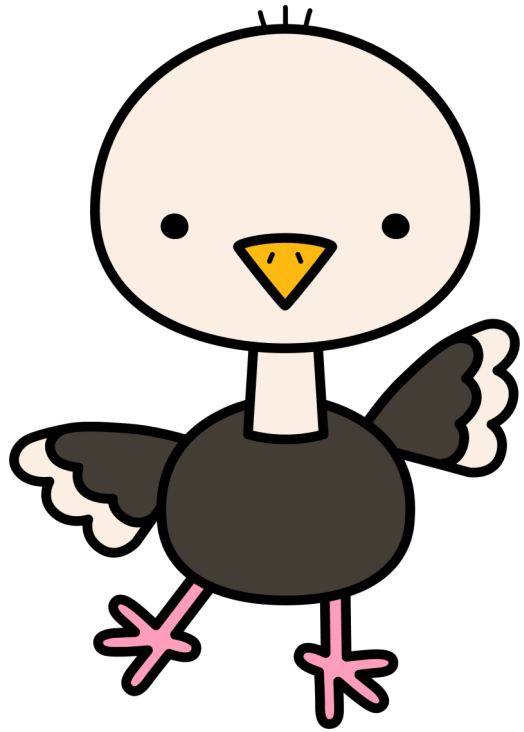
How does an ostrich keep cool?



**Changing
Body
Temperature**

Directions: Cut out each page on solid black lines. Stack together and staple on the left side.

A Big Bird!



Height

Weight

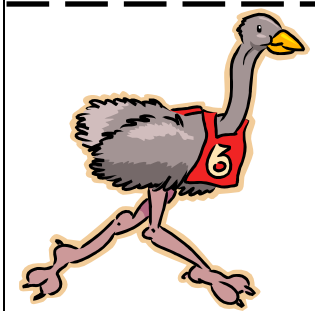
Eyeball



Directions: Cut out each feather outline (as many as needed). Stack together and attach at bottom with a brass fastener. Let your student write one amazing fact on each feather.



Directions: Cut out each feather outline (as many as needed). Stack together and attach at bottom with a brass fastener. Let your student write one amazing fact on each feather.



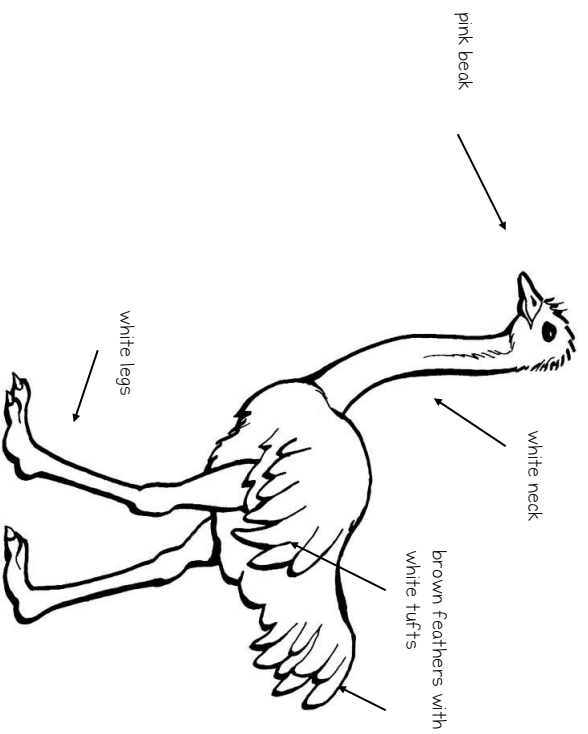
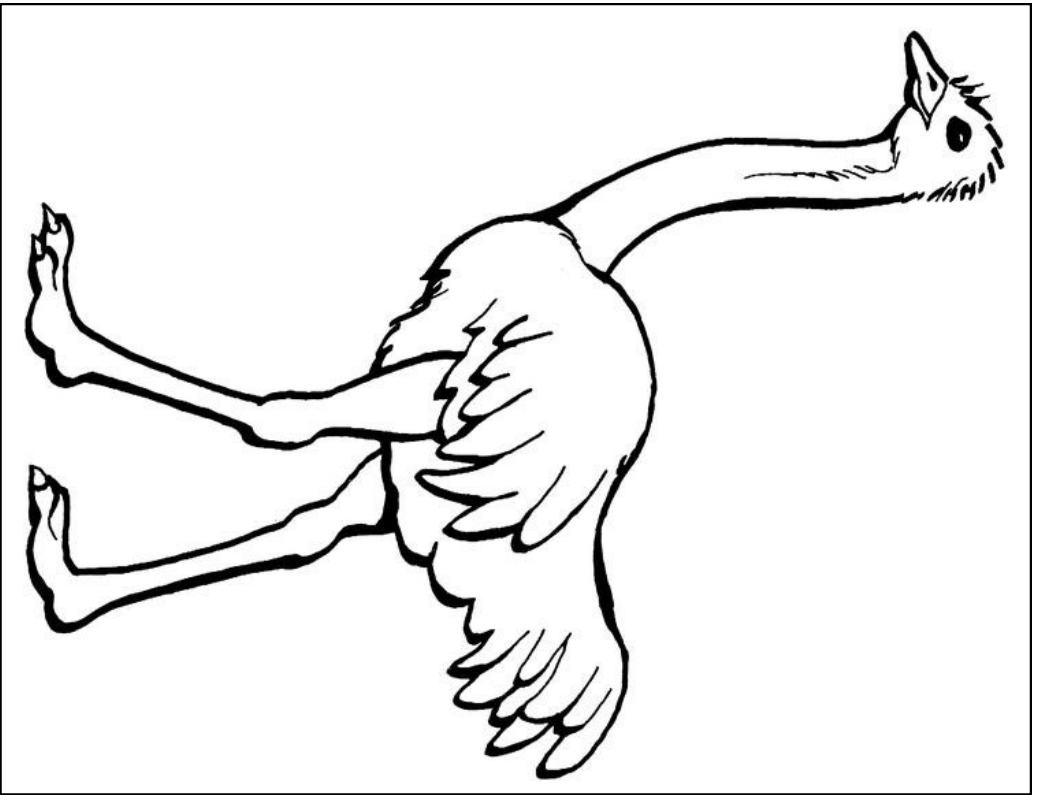
I Am Speed!

Directions: Cut book out as one piece. Fold on black line. On the inside, write how many mph

Directions: Cut out black rectangle. Fold in half on dotted lines. Cut around wing shape. Let your student cut/paste or write the

Even though they can't fly, ostriches need their wings in order to change direction while running.

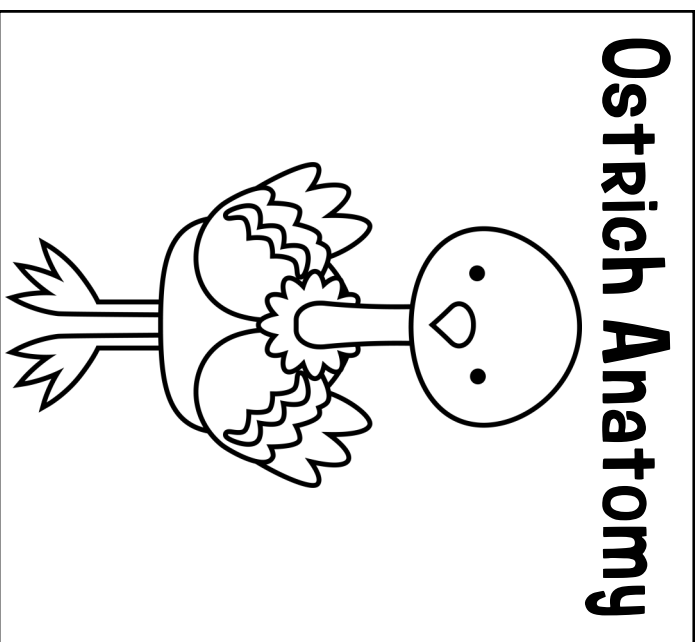
**Why Do
Ostriches
Have Wings?**



Directions: Let your student color the ostrich according to the

diagram. Cut it out. Take a plain piece of colored paper, cut it to size, and fold it in half. Glue the picture of the ostrich inside the

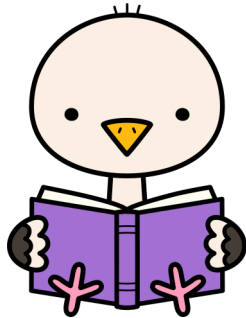
book and the cover piece ("ostrich anatomy") on the outside of the book.



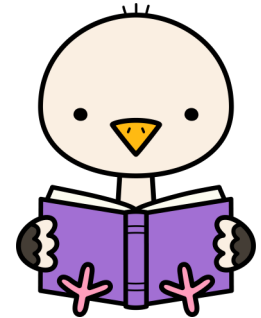
An ostrich can fly.

With one kick, an ostrich can kill a lion.

**TRUE OR
FALSE?**



**TRUE OR
FALSE?**

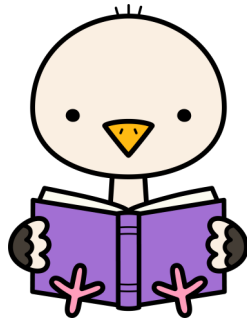


Directions: Cut out each book as one piece (two on each page). Fold tri-fold style with the cover on top. Open the book. Write the truth under the flap.

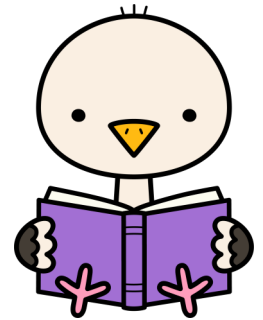
Like other birds,
ostriches have
3-4 toes.

An ostrich's brain is
smaller than its eye.

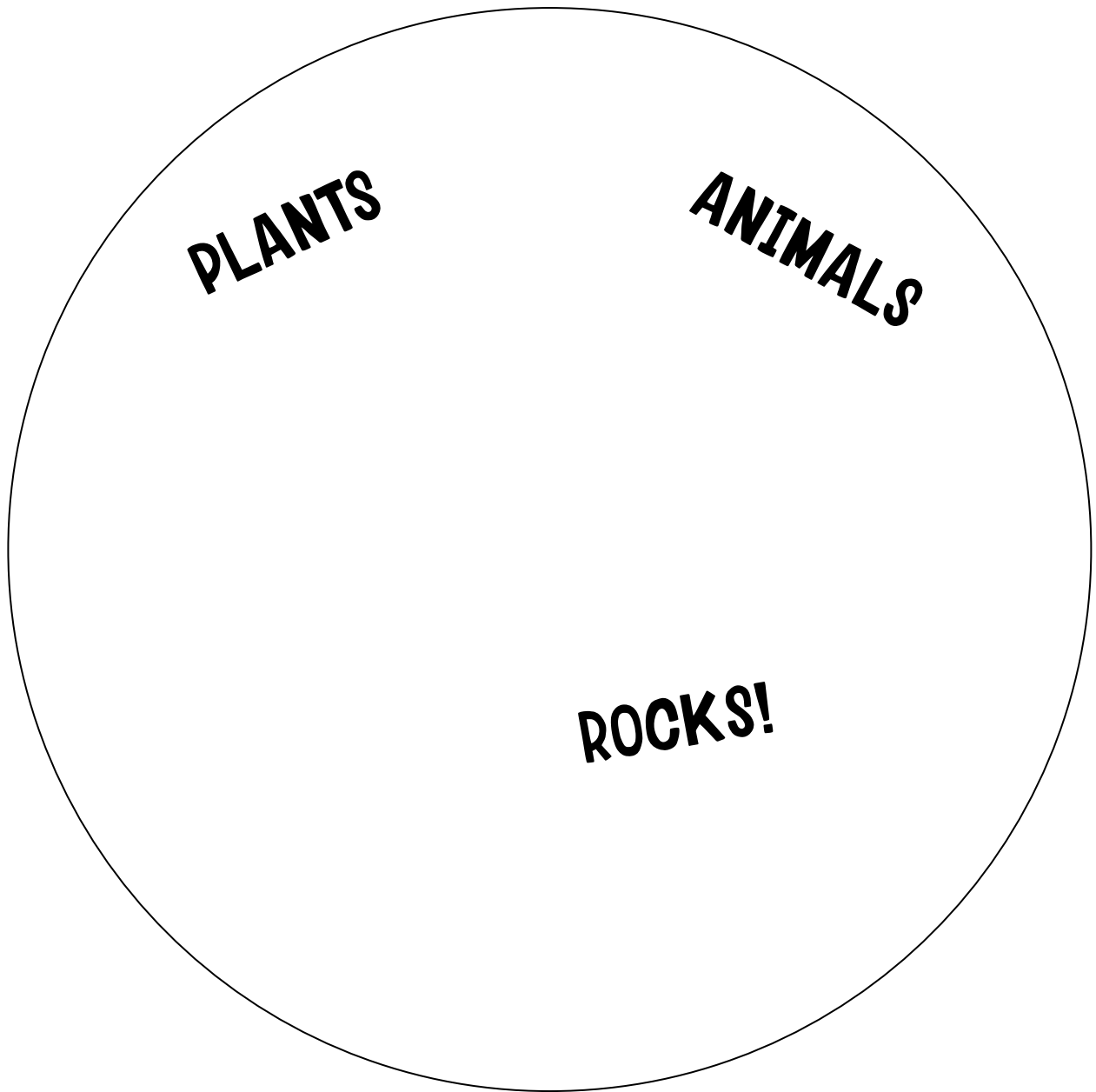
**TRUE OR
False?**



**TRUE OR
False?**



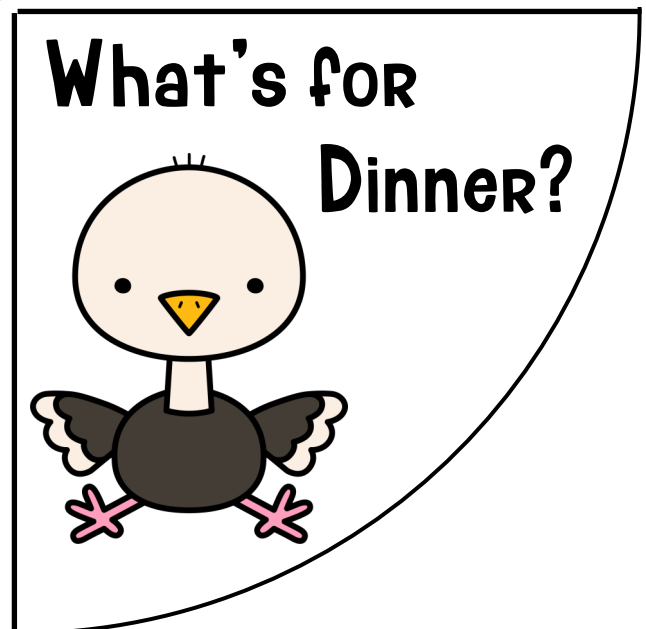
Directions: Cut out each book as one piece (two on each page). Fold tri-fold style with the cover on top. Open the book. Write the truth under the flap.



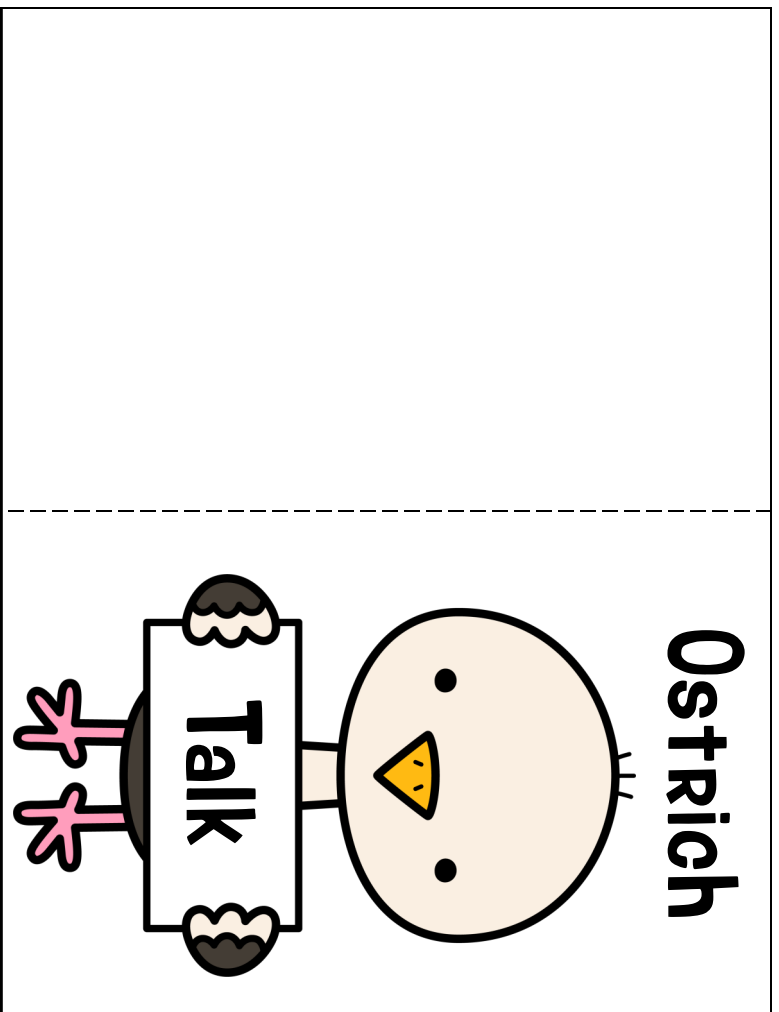
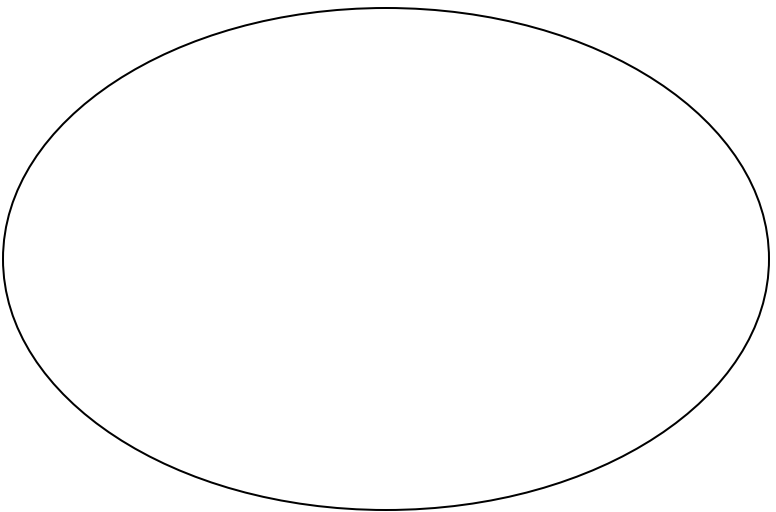
Directions: Cut out circle. Draw an ostrich's diet on the plate.

Fold the plate like a hamburger. Then fold the plate like a hotdog.

Write "What's for Dinner" on the front (or paste on the cover piece).

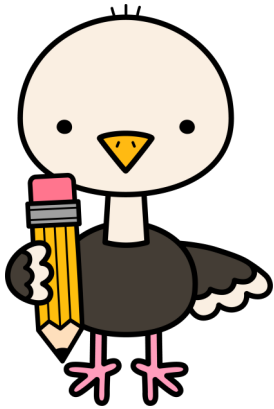


Directions: Cut out book as one piece. Fold in half.



Directions: Cut out both egg shapes. Fasten the cover to the back using a brad (where indicated). Slide cover over and let your student write the answer to the question.

Eating Rocks



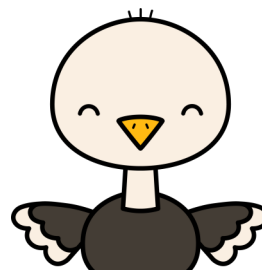
Directions: Cut out file folder as one piece. Fold in half. On the inside write (or cut/paste) why ostriches need to eat rocks.

Ostriches have no teeth to help them break up the food they eat. So, they eat stones to help grind their food in their gizzards.

Directions: Cut out strip as one piece. Fold left side under. Fold right side under. Fold in half. Unfold and write answers in appropriate places.

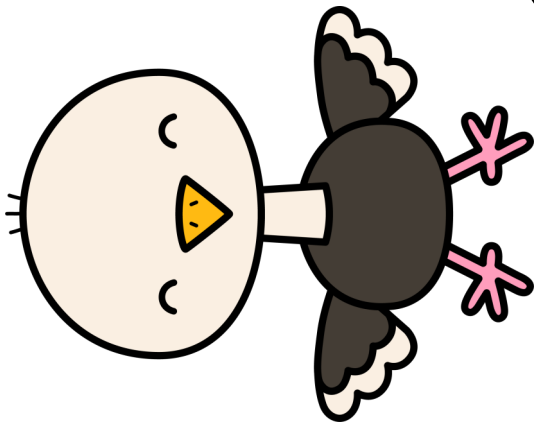
What is a female ostrich called?

Names



What is a male ostrich called?

Relatives



Emu



add glue here

Rhea



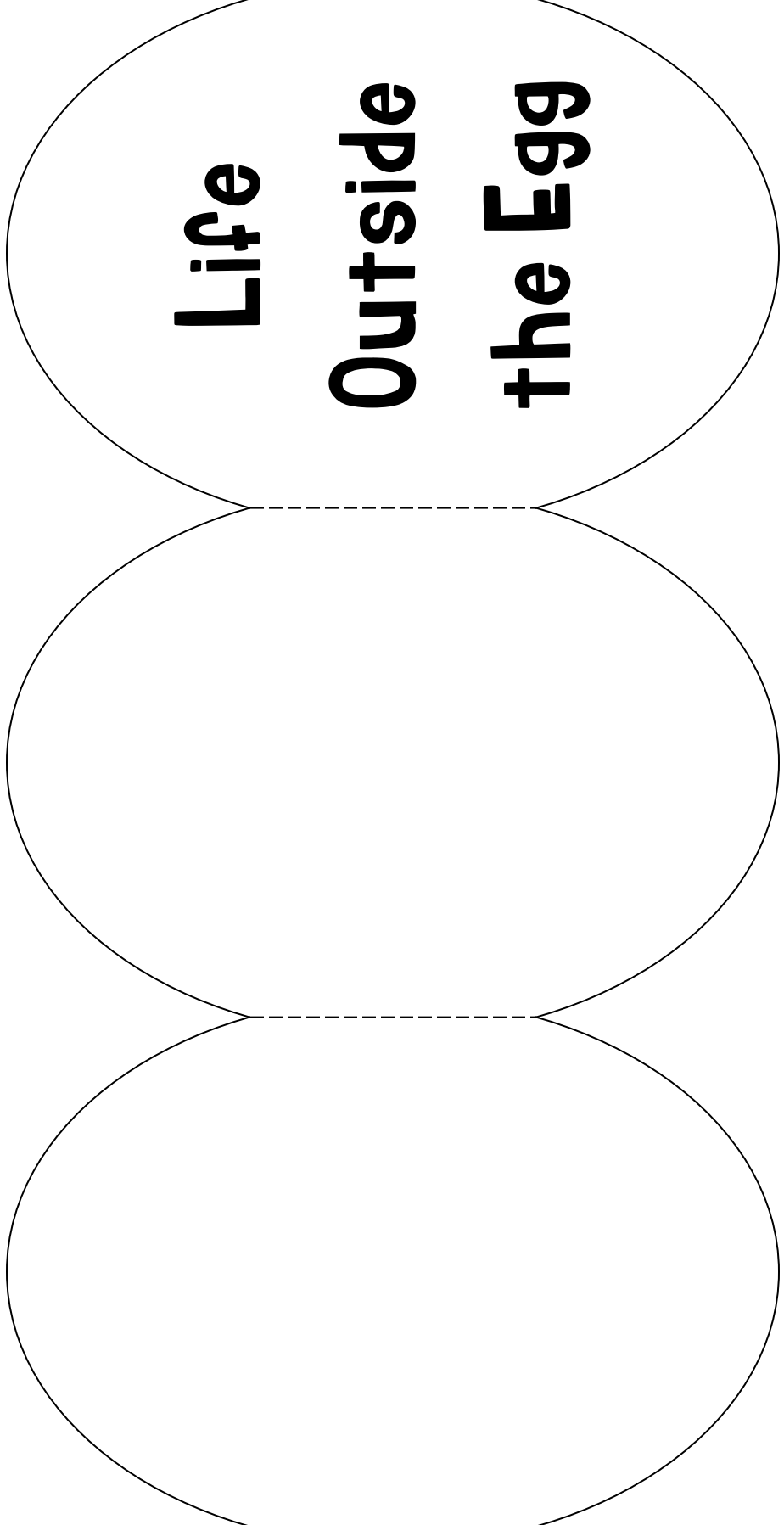
Directions: Cut each strip out as one piece.

Let your student learn a bit more about each of these birds that share the same order as ostriches.

Write some facts (such as where the bird is found or what they eat) on the lined pages.

Glue the tab on the first strip to the back left of the second strip. Fold book like an accordion.

Directions: Cut book out as one piece. Fold left side under. Fold right side under (it will be your cover). Include "Growing Up Ostrich" information inside.



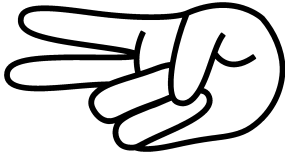
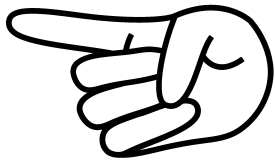
Directions: Color and label the continent of Africa on the map. Cut out map. Fold in half like a hotdog. Cut out cover piece. Paste the cover piece to the front.

Where Do Ostriches Live?



Directions: Cut out flap book as one piece. Cut out "No way!" Cut out three answers.

No way! An ostrich is a tough bird. When in danger, it will do these three things.

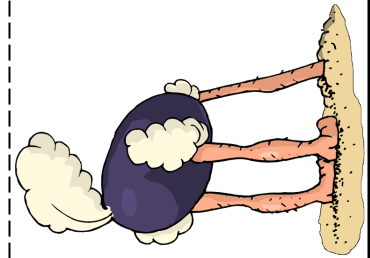


Fold book on dotted lines with the question on the cover. Unfold. Cut two black lines to form three flaps. Under the cover, paste the "No way!" statement. Under the flaps, paste the three things an ostrich will do.

It will stand and fight with its powerful legs and sharp clawed toes.

It will lay flat on the desert sand, making it harder for the predator to see it.

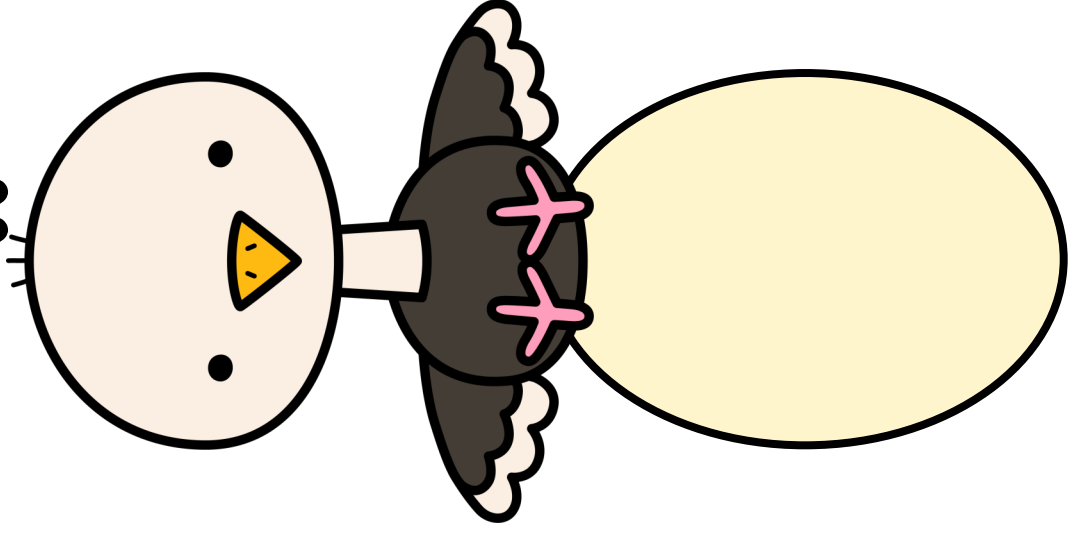
It will run away from the nest, hoping to lure the predator away from the eggs.

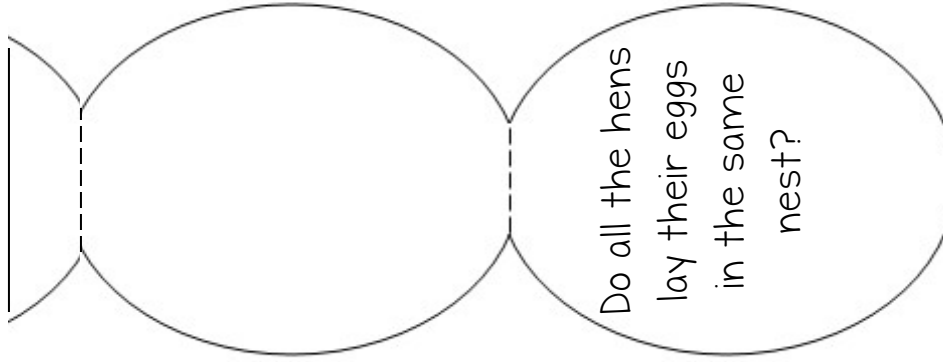


Does an ostrich bury its head in the sand when it is scared?

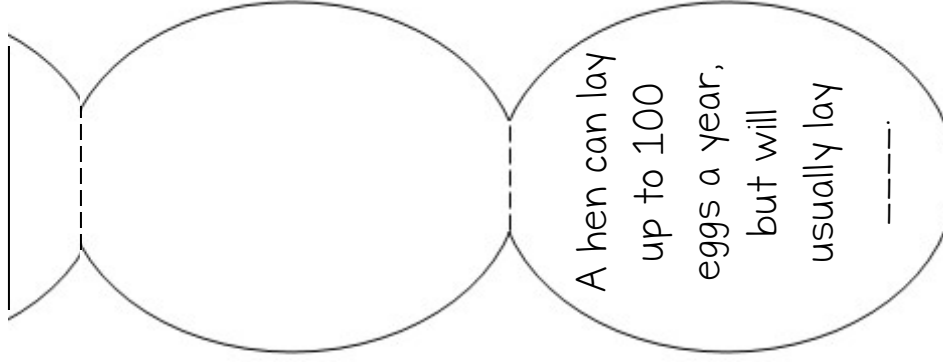
Egg-citing

Ostrich Egg Facts

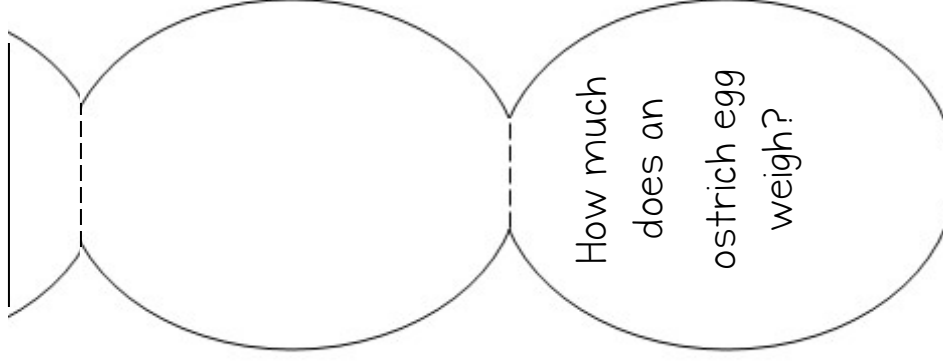




Do all the hens
lay their eggs
in the same
nest?

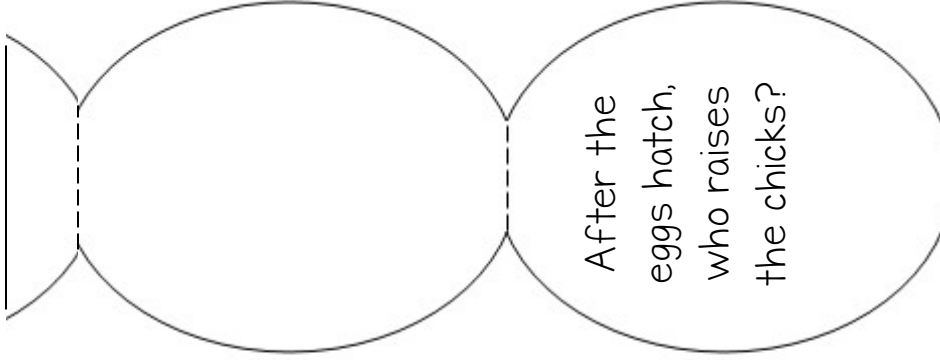


A hen can lay
up to 100
eggs a year,
but will
usually lay

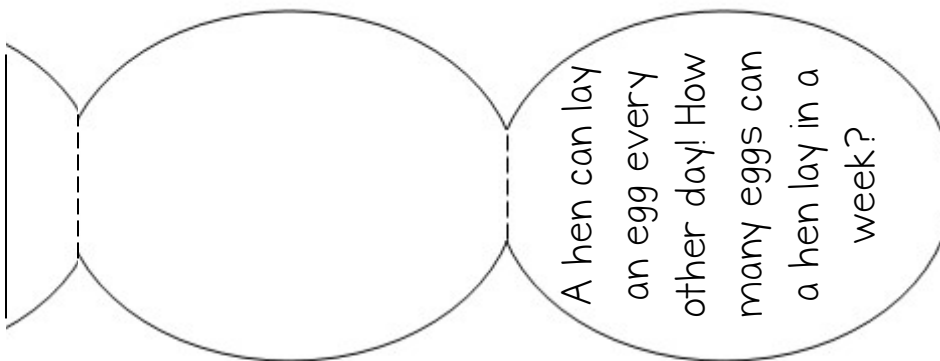


How much
does an
ostrich egg
weigh?

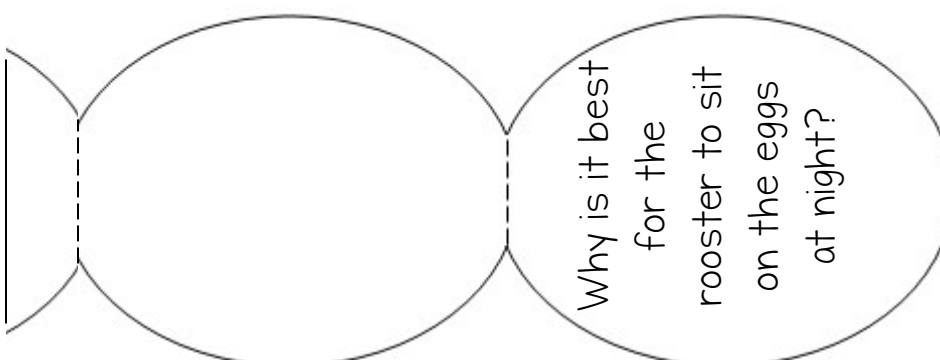
Directions: Cut out book on first page and fold (tri-fold style)— folding both flaps in over toward the middle).
Cut out each mini book and fold matchbook style. Paste three on each part of the inside of your tri-fold book.



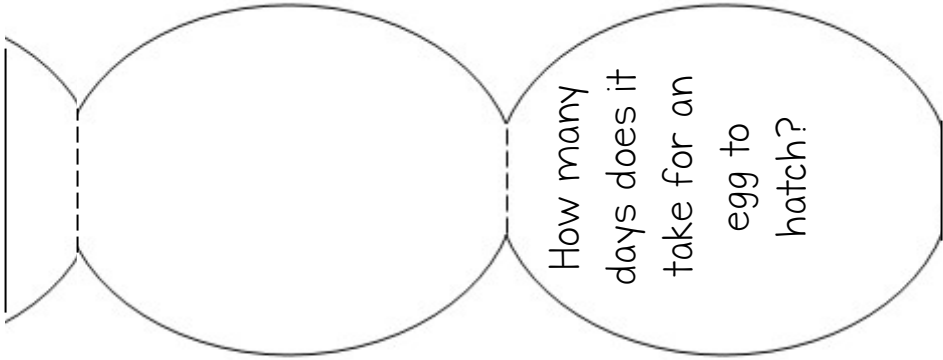
After the
eggs hatch,
who raises
the chicks?



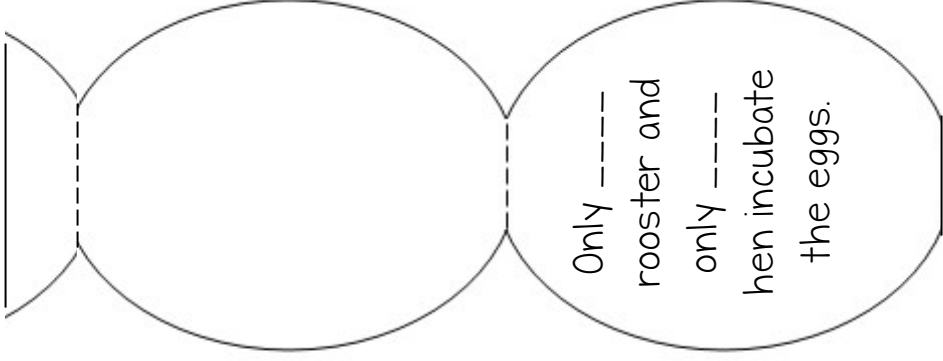
A hen can lay
an egg every
other day! How
many eggs can
a hen lay in a
week?



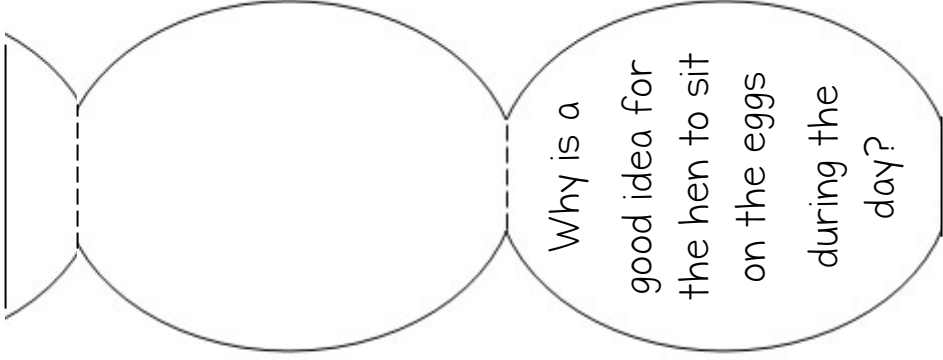
Why is it best
for the
rooster to sit
on the eggs
at night?



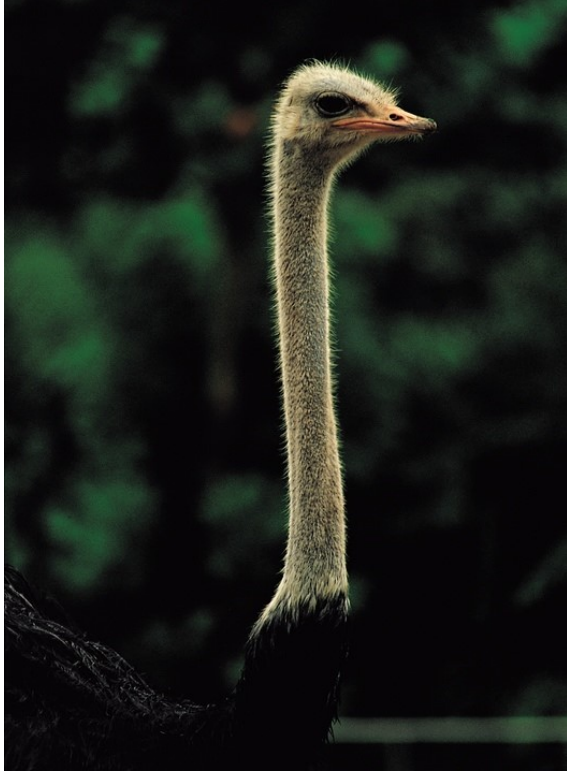
How many days does it take for an egg to hatch?



Only _____ rooster and only _____ hen incubate the eggs.



Why is a good idea for the hen to sit on the eggs during the day?



Terms of Use

This product may be used for your own classroom or personal use. It may not be shared as a pdf file, on the web, or in any other way. It should not be recreated or duplicated. © www.homeschoolshare.com

Ostrich Lapbook Clipart and Font Credits

