**OBSERVATION** 

## Hide-and-Seek Can you find the fish in this picture?



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## NATIONAL GEOGRAPHIC LITTLE

## Snowy Owls!

LOOK INSIDE: ANIMAL CARDS!



## Why do you think a tiger has stripes?

A tiger's stripes help it hide. The tiger's markings blend in with the shadows and plants so other animals can't see it.



## What Is Different?

Look at each picture in the top row. Find the differences between it and the one below.

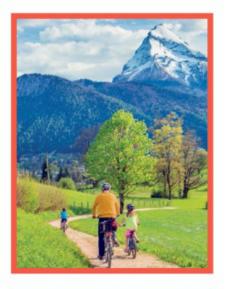
















### Find three differences.



## That's Cool!

#### Meet the giant anteater.

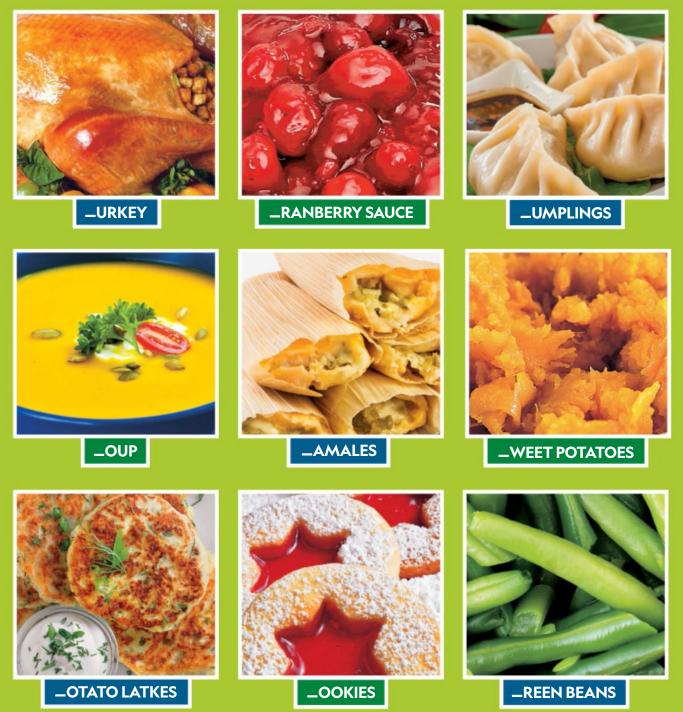
A giant anteater can eat 35,000 ants a day. This animal is longer than your bed.

#### It scoops up food with its long tongue.



#### NAMING

#### What in the World Are These?



#### NAME OTHER FOODS YOU SEE AT THE HOLIDAYS.

#### ANIMALS

Snowy owls live where it is always cold. They hunt, nest, and sleep on the frozen ground.

> A snowy owl's wingspan is almost as wide as a car.

Snowy owls hunt lemmings, mice, hares, birds, and squirrels.



Torate in To

A snowy owl hunts during both day and night. It catches its food with the long claws on its feet.

3 ...

Snowy owls eat a lot. If you ate as much as a snowy owl, you would need to eat 47 peanut butter and jelly sandwiches a day!

FEMALE

MALE

Adult male snowy owls are mostly white. Adult females have brown on their feather tips. A snowy owl mother lays her eggs in a nest on the ground. When they hatch, the babies are covered in soft white feathers called down. This owl is swooping down to catch food with its claws.

Female snowy owls lay 3 to 11 eggs at a time. The babies are called owlets.





As the babies grow, new brown feathers replace the down. Soon the young owls will fly away and hunt for their own food.



JIMKRUGER / GETTY IMAGES (SWOOPING); COLETTE3 / SHUTTERSTOCK (MALE AND FEMALE); WINFRIED WISNIEWSKI / MINDEN PICTURES (ONE WEEK OLD); CHRISTINE AND JURGEN SOHNS / GETTY IMAGES (THREE WEEKS OLD); PETER WEY / ALAMY (SIX WEEKS OLD)

#### MEASURING

# MEASURE UP

The pictures show the real size of these animals. Use your hands and fingers to measure the animals and answer the questions below.

#### BABY GARTER SNAKE

Find all the animals bigger than your thumb.



Spread out your fingers. Can you touch the head and tail of the baby snake at the same time?

How many pointing fingers long is the gecko?

10 NOVEMBER / DECEMBER 2019

LEOPARD GECKO

Is the butterfly bigger or smaller than your hand?

MONARCH

Which animal is about the size of the nail on your pinkie finger?

LADYBUG

Is the yellow tree frog longer or shorter than your ring finger?

NATIONAL GEOGRAPHIC 1

YELLOW TREE FROG



# WILD DOG DAYCARE

African wild dogs live in large family groups called packs. The mother guards the pups while the other dogs hunt. The puppies wag their tails as they chase and tackle each other while the hunters are away. Soon it will be time to eat.

There can be as many as 15 puppies in a litter.

> African wild dogs are also called painted dogs or painted wolves.

MANOJ SHAH / GETTY IMAGES (MAIN IMAGE) ARCO IMAGES GMBH / ALAMY (TWO DOGS) *Hoo! Squeal!* The hunters call when they return with food. All the wild dogs leap, lick faces, and whine to greet each other.

> Every wild dog's color pattern is different.

After dinner, the entire pack plays. Everyone wags their tail!



African wild dogs are part of the dog family, called canids. Meet some more canids.

MANED WOLF

**ARCTIC FOX** 

**RED WOLF** 

**CORSAC FOX** 

LAURENT GESLIN / NATURE PICTURE LIBRARY (ADULT AND PUPS); RICHARD DU TOIT / MINDEN PICTURES (PLAYING); SEAN CRANE / MINDEN PICTURES (MANED WOLF); ERNI / SHUTTERSTOCK (ARCTIC FOX); MARK NEWMAN / MINDEN PICTURES (RED WOLF); COLIN LANGFORD / GETTY IMAGES (CORSAC FOX)

#### **IDENTIFYING**

## THINK LIKE A SCIENTIST

There are many kinds of penguins. Scientists tell them apart by their colors and patterns. Use the clues below to figure out which penguin belongs with which group.



KING

A rockhopper penguin has spiky feathers on its head.



An Adélie penguin has a white ring around each eye.

A king penguin has orange feathers on the side of its head.

DEAN BERTONCELJ / SHUTTERSTOCK (SINGLE ROCKHOPPER); STEVE ALLEN / DREAMSTIME (SINGLE ADÉLIE); ANDREEA DRAGOMIR / SHUTTERSTOCK (SINGLE KING); **NOVEMBER / DECEMBER 2019** 





What other ways are these penguins different?

> How are these penguins the same?

ROBERT MCGILLIVRAY / SHUTTERSTOCK (ADÉLIE GROUP); VYSHNIVSKYY / SHUTTERSTOCK (KING GROUP); MINT IMAGES / FRANS LANTING / GETTY IMAGES (ROCKHOPPER GROUP)

NATIONAL GEOGRAPHIC 17

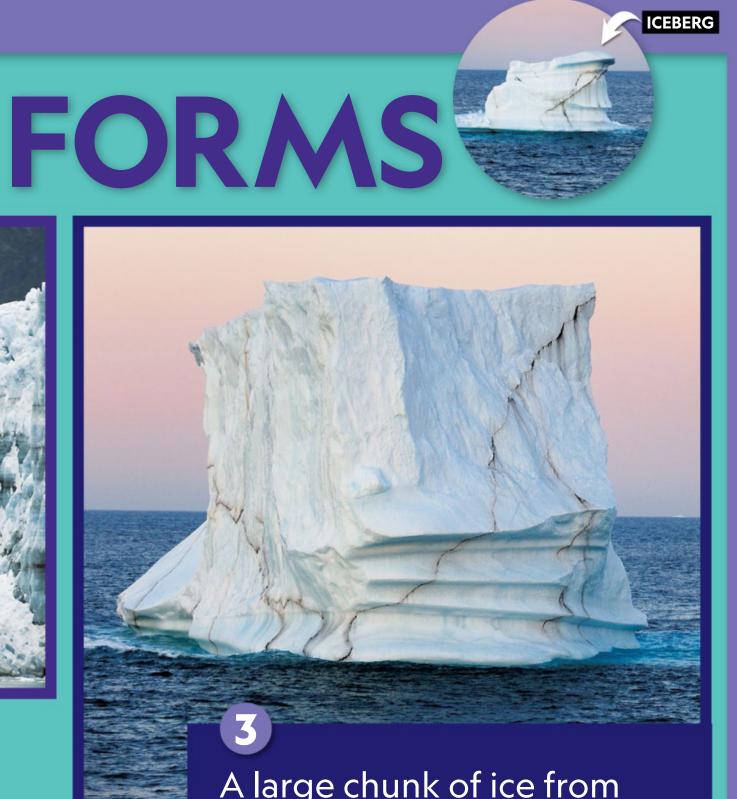
#### NATURE

# AN ICEBERG

A huge "river" of ice, called a glacier, moves slowly from mountains to the ocean. 2 Big cracks form in the glacier. Huge pieces

CRACK

fall off.



A large chunk of ice from the glacier floats away in the ocean. Now it is an iceberg.

#### ENTOMOLOGY

## BLUE MORPHO BUTTERF

As it flies through the rainforest, the morpho flaps its wings up and down.

#### FACTS

FOOD Juices of rotten fruit, fungus, tree sap, wet mud

SIZE

FIVE-YEAR-OLD'S HAND

Bright blue color shows as the butterfly's wings flap down. The blue almost disappears when its wings flap up. That is because the undersides of its wings are brownish. The blue morpho is one of the biggest butterflies in the world.

> A butterfly's proboscis (pruh-BAH-sis) is a mouthpart shaped like a long, hollow tube.

> > The butterfly uses it like a straw to sip juice from fruit.

FROM THE PAGES OF

STEPHEN DALTON / MINDEN PICTURES (SMALL BUTTERFLY); DOBERMARANER / SHUTTERSTOCK (BIG BUTTERFLY); A. STORM PHOTOGRAPHY / SHUTTERSTOCK (PROBOSCIS) PROBOSCIS

#### OBSERVATION

PANDA

This puzzle is missing three pieces. Point to each piece that is not in the puzzle yet. Use your finger to draw a line from that piece to where it goes in the picture.

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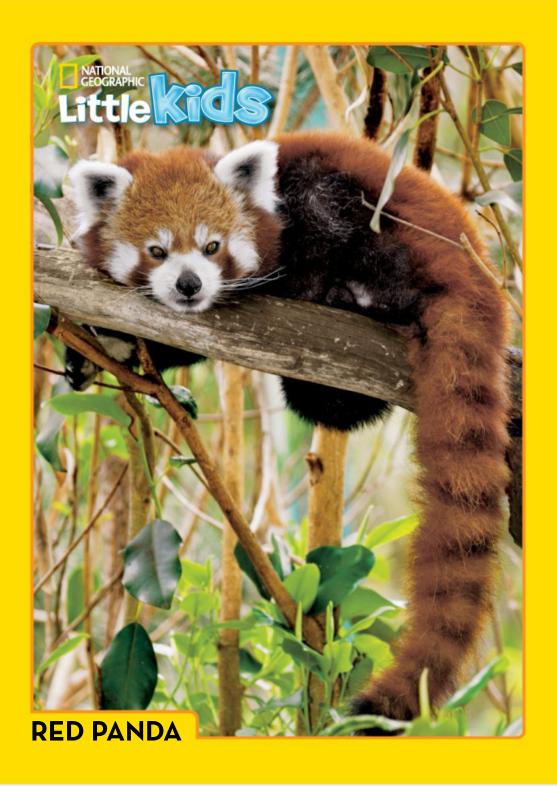




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# WILD CARDS



## red panda

#### FUN FACTS

Red pandas spend most of their time in trees. That is where they sleep and eat. They munch on bamboo, fruit, bugs, and eggs.



ARCO IMAGES GMBH / KIMBALL STOCK





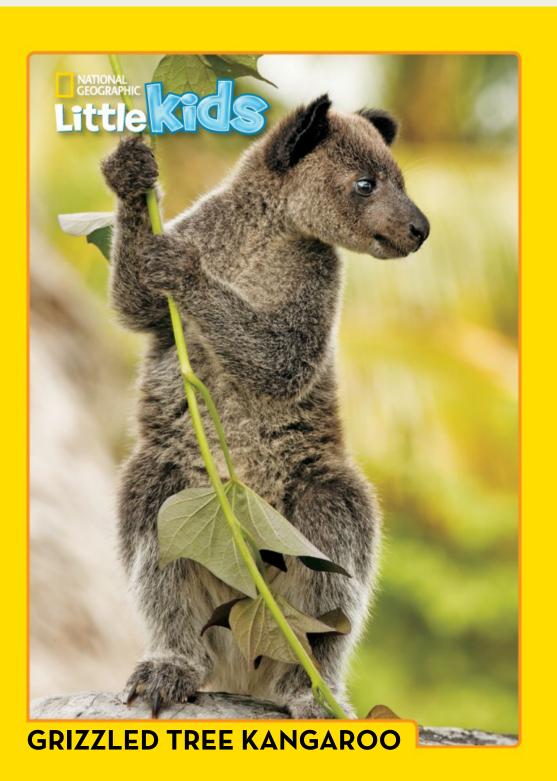
## leafhopper

#### FUN FACTS

There are hundreds of species, or kinds, of leafhoppers. A leafhopper can hop more than 100 times the length of its body.



ARCO IMAGES GMBH / KIMBALL STOCK



## grizzled tree kangaroo

#### FUN FACTS

The tree kangaroo is a marsupial. The mother carries her babies in a pouch on her belly. Long claws help the animal climb trees.



HEMIS.FR / SUPERSTOCK





## scarlet tanager

#### FUN FACTS

The male scarlet tanager is bright red with black wings. The female tanager is not brightly colored. She is a yellowish green.



KITCHIN AND HURST / KIMBALL STOCK





## Canada lynx

#### FUN FACTS

Snowshoe hares are the Canada lynx's favorite food. A lynx often hides behind a bush and leaps out to catch a hare passing by.



KLEIN-HUBERT / KIMBALL STOCK

#### WILD CARDS



## giant tortoise

#### FUN FACTS

Giant tortoises are the largest of all tortoises. Adults can weigh more than 500 pounds. A tortoise can live more than 100 years.



BRANDON COLE / KIMBALL STOCK