

MAZES



CROSSWORDS

GAMES



# Activities for Kids of All Ages

FROM FATHOM PUBLISHING  
FATHOM TWIST, EATON & BATES



COLORING PAGES



## Bald Eagle Word Search

You'll need an eagle eye to spot all the words about the majestic Bald Eagle.



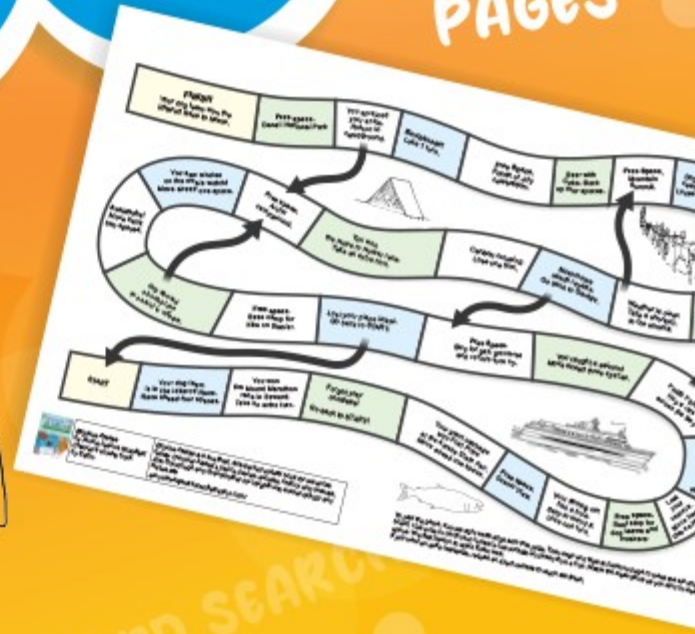
- BALD
- BLANK
- BIRD OF PREY
- CARNIVORE
- DIET
- EAGLE
- GAWWIT
- EYES
- FAST
- LEATHERS
- FLY
- NEST
- PERCH
- PLUMAGE
- POWERS
- SHARP
- SOAR
- TALONS
- WHITE
- WINGSPAN



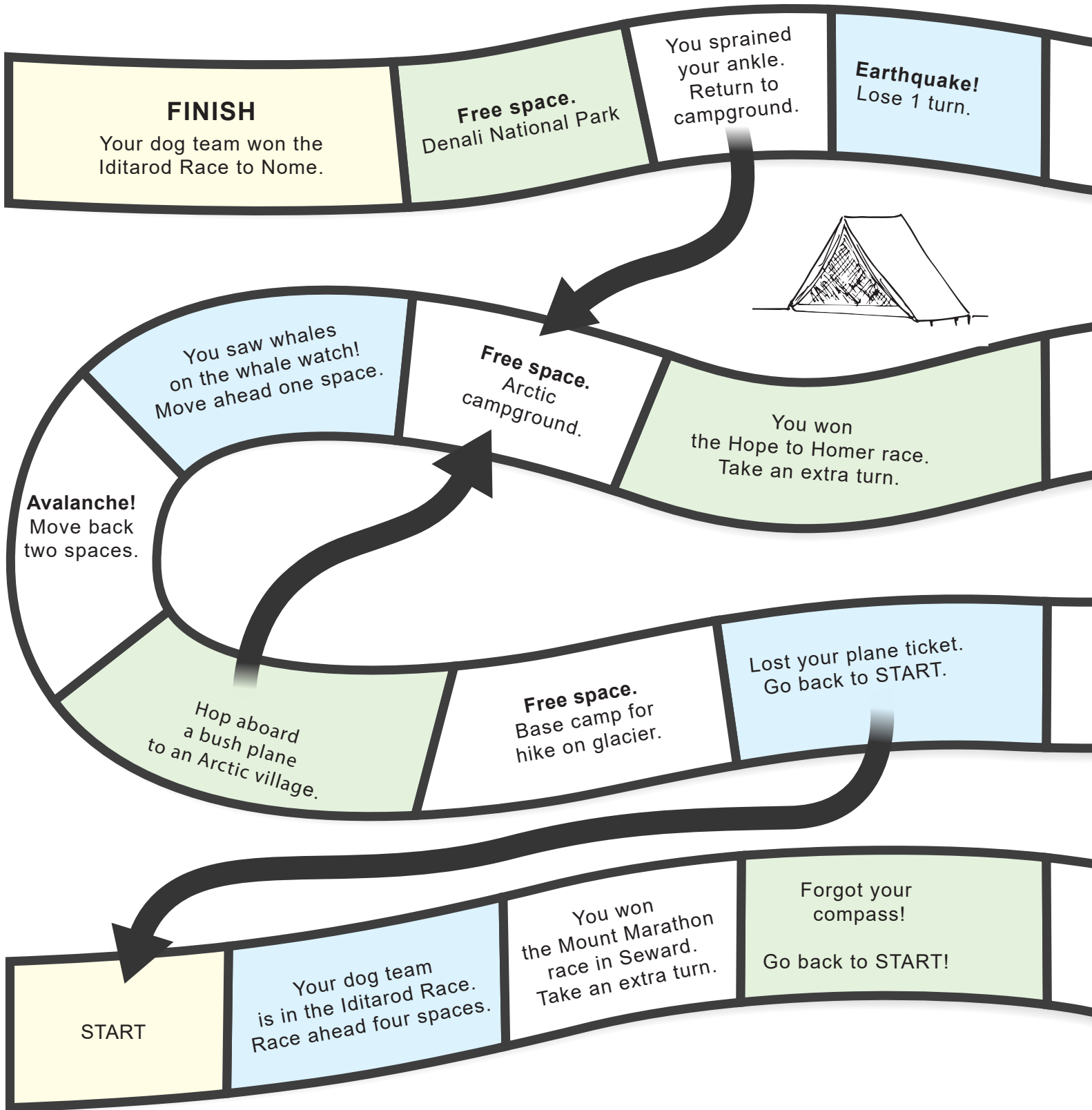
### FUN FACTS

A Bald Eagle's talons can be up to 10 centimeters long. It can fly at 100 miles per hour.

WORD SEARCHES



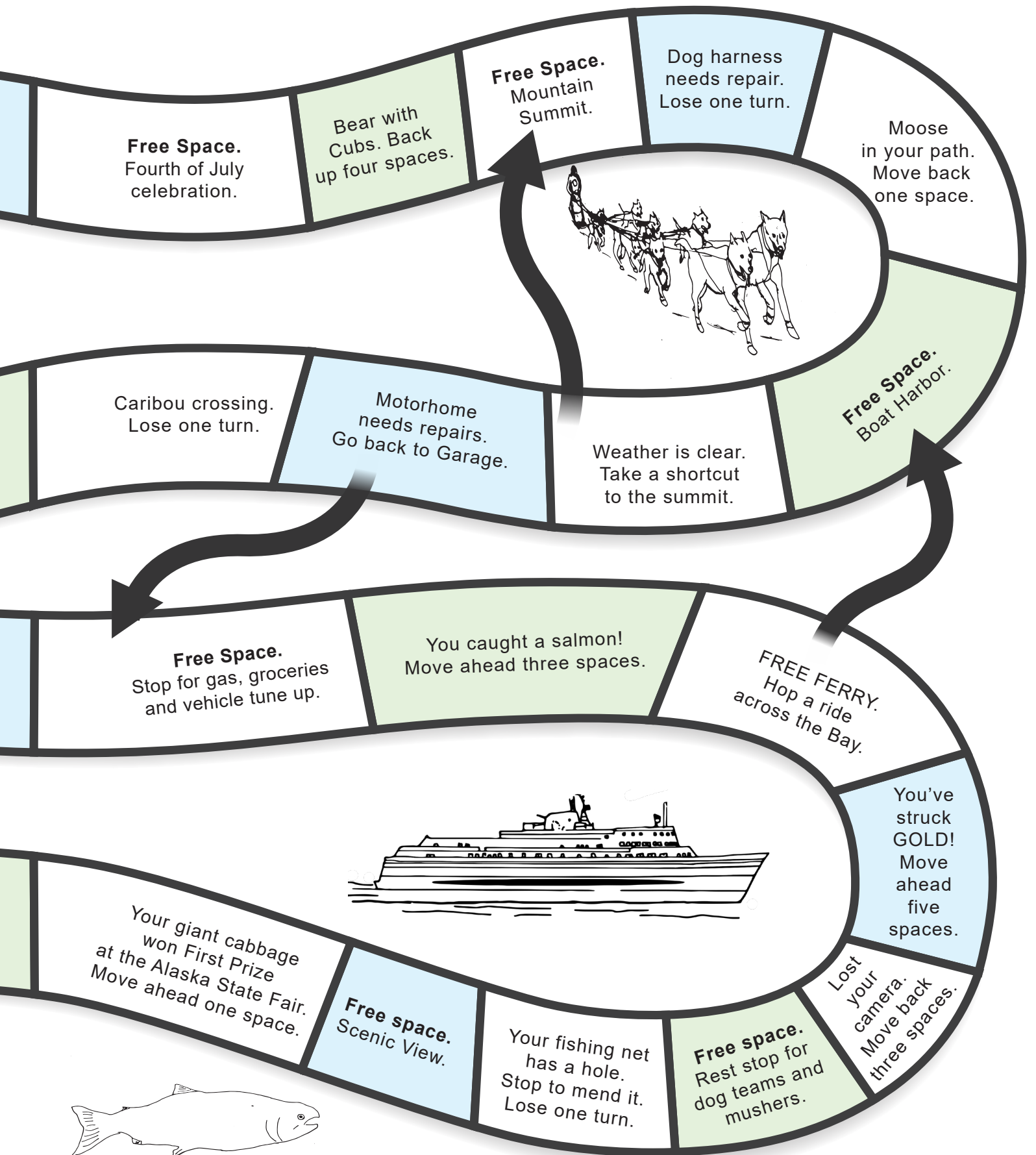
WORD SEARCHES



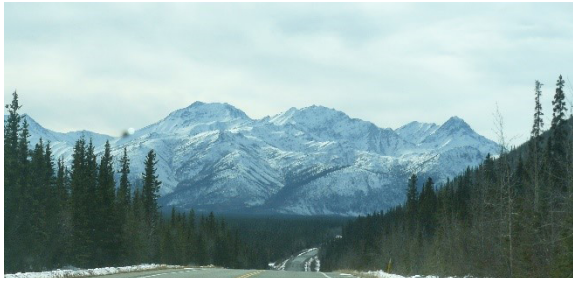
**Explore Alaska**

by Janice Jeanne Schofield  
Children's activity book  
by Eaton

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[athomewithjaniceschofielddeaton.com/](http://athomewithjaniceschofielddeaton.com/)



To play the game, trim the left white edge from this page. Then align and tape to previous page to make the full size board. Use a die or cardboard numbers one through six pulled from a box. Follow the instructions as you land on each space. The first person to reach finish wins. If you want an extra challenge, require an exact number to reach the finish.



# Alaska Highway Word Search

Find the names of the places you will see traveling the Alaska Highway.

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

**Wordbank:** British Columbia, Alcan, Dawson Creek, Taylor, Fort St. John, Fort Nelson  
 Summit Pass, Muncho Lake, Liard Hot Springs, Watson Lake, Sign Post Forest  
 Teslin, Whitehorse, Takhini Hot Springs, Haines Junction, Destruction Bay  
 Burwash Landing, Beaver Creek, Tok, Delta Junction, Alaska

Facts about the Alaska Highway:

- The Alaska Highway (ALCAN) is a 1,390-mile road stretching from Dawson Creek, BC, Canada, to Delta Junction, Alaska.
- The road was originally built mostly by the US Army as a supply route during World War II.
- During the summer, gas, food, and lodging are available about every 20 to 50 miles.
- During the winter, services are VERY limited, so always be prepared!

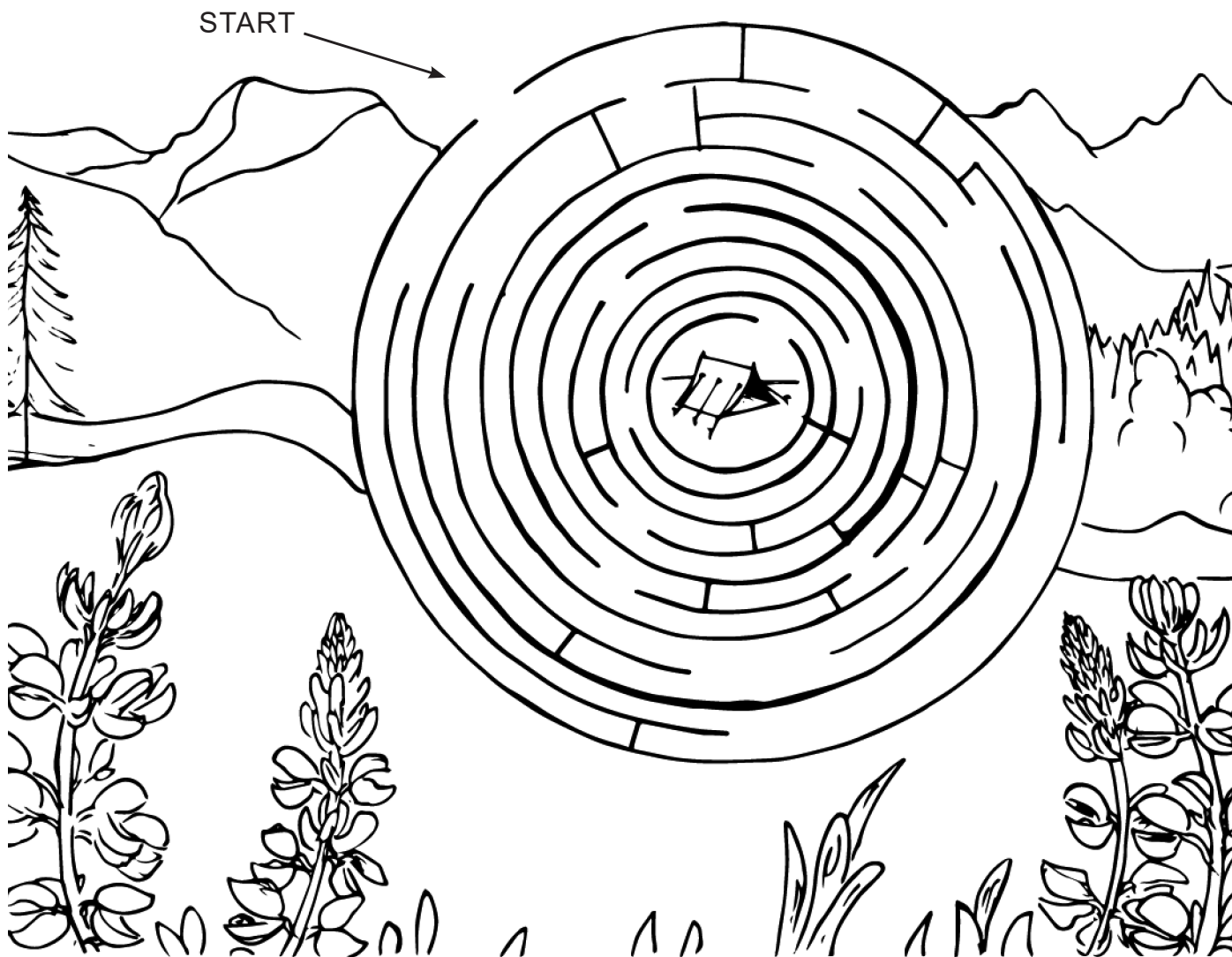
***A Boy A Bike Alaska!***  
 by Warren Carlson  
 Young Adult fiction from Fathom Publishing  
[fathompublishing.com/kids&teens/bike-alaska](http://fathompublishing.com/kids&teens/bike-alaska)

The day after his high school graduation in Mt. Shasta City, California, Jack Iverson set off on his own for Alaska and a job at a fishing lodge near Denali National Park. His ride was a Honda Shadow motorcycle. His journey was 3,242 miles through rugged and beautiful terrain. It was going to be the adventure of a lifetime.  
 Solution: [fathompublishing.com/solutions](http://fathompublishing.com/solutions)

A newcomer to Alaska, the Great Land, often needs a helping hand.

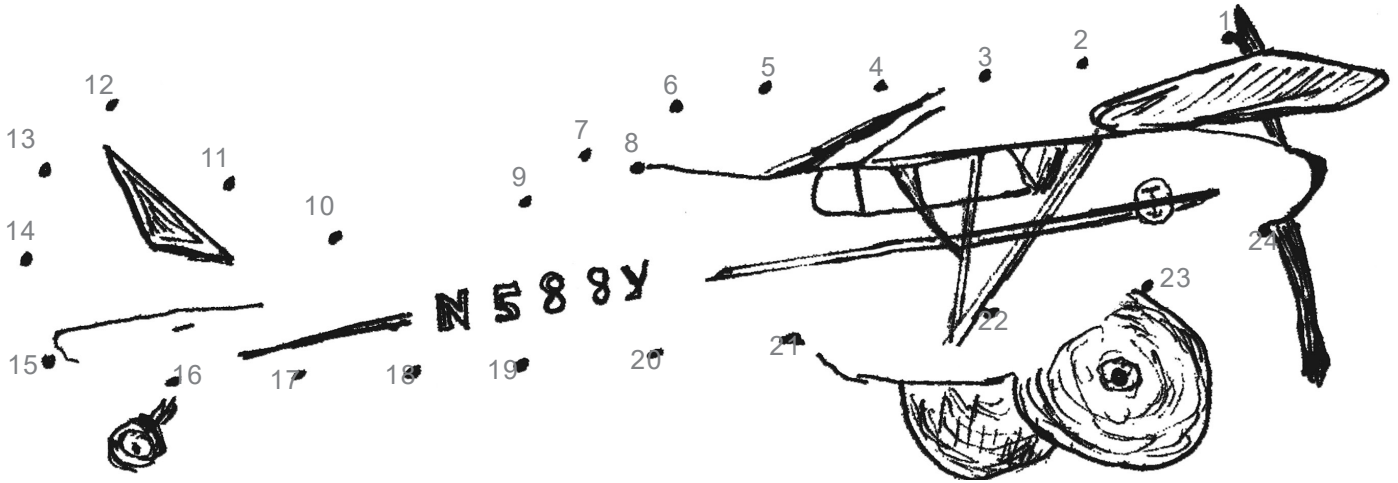
This cheechako has lost his way. Please help him find his tent today.

Make his visit bright by coloring his page.



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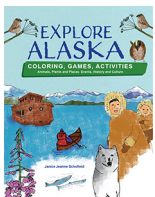
Connect the dots to see a bush plane that can land where there are no roads.  
 Complete the right tire so that you can land safely.  
 Color your plane and the passengers.

Alaska's not one, but many regions  
 and their differences are legion.  
 To see these places, you must take a flight.  
 Enjoy the summer's long daylight.

Sourdough says:

*Alaska has very few roads. Did you know that over ninety percent of Alaska can only be reached by plane? Alaska is the only state where you cannot drive to its capital city. To reach Juneau you must take a commercial flight, cruise ship, or ferry.*

*To experience Alaska's distinct cultures, land types, and animals you must fly. Many Alaskans have private licenses and pilot Piper cubs, Cessnas, Beavers, and Otters. Towns often have small charter airlines. Book flights to reach remote villages and camping places. Bush planes often have tires over two feet high, enabling them to land on the treeless tundra and in places with no airstrip.*



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# Alaska Glaciers, Rivers & Waterways

## Word Search

These are just a few of the  
hundreds of bodies of water in Alaska.

How many can you find?



### Glaciers

Childs

Eklutna

Exit

Kennicott

Matanuska

Mendenhall

Miles

Norris

Polychrome

Portage

Ptarmigan

Taku

Tustumena

Valdez

Windsor

### Rivers

Colville

Copper

Gulkana

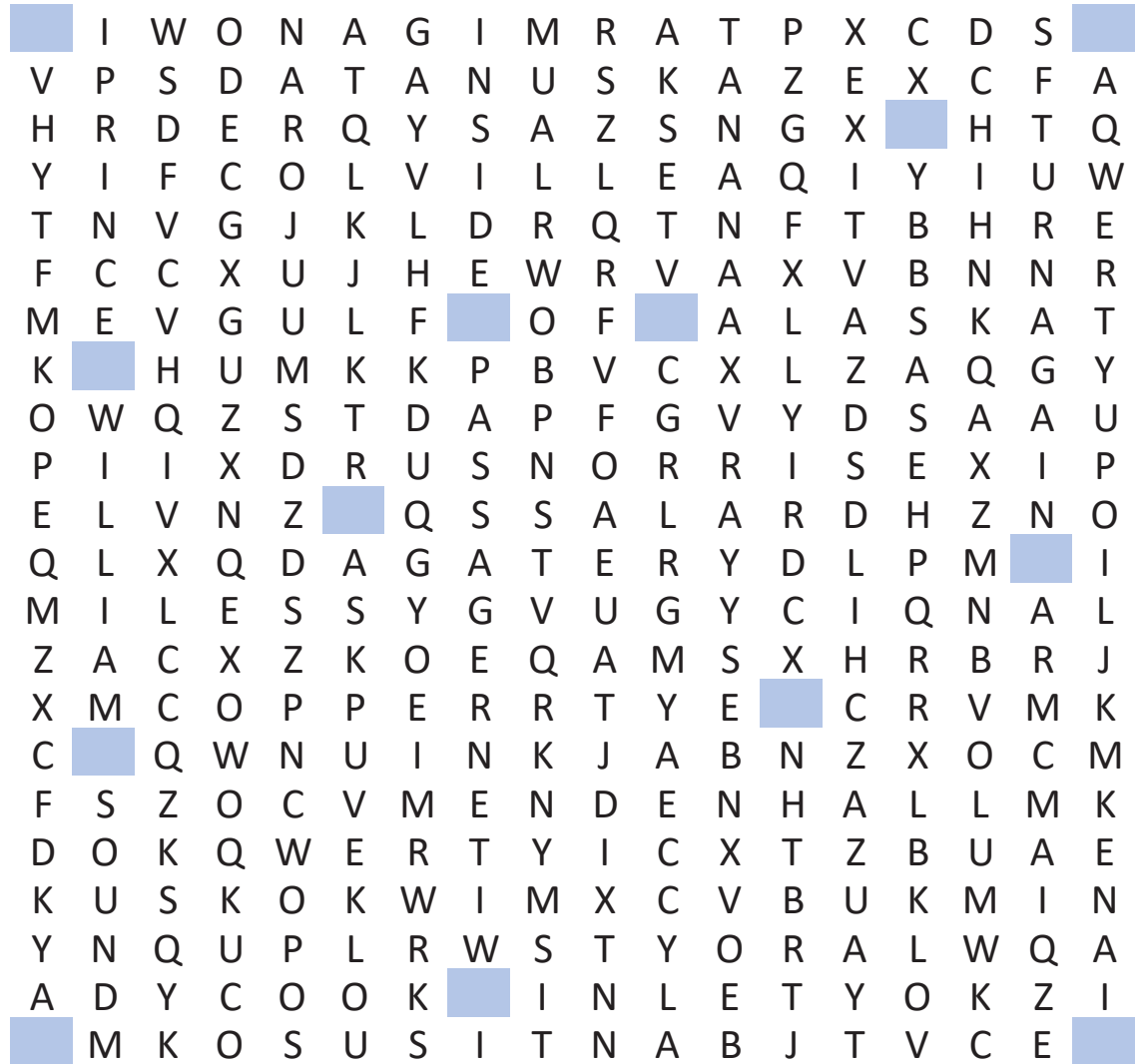
Kenai

Kuskokwim

Susitna

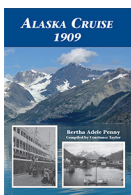
Tanana

Yukon



### Waterways

Cook Inlet - Gulf of Alaska - Inside Passage - Prince William Sound - Turnagain Arm

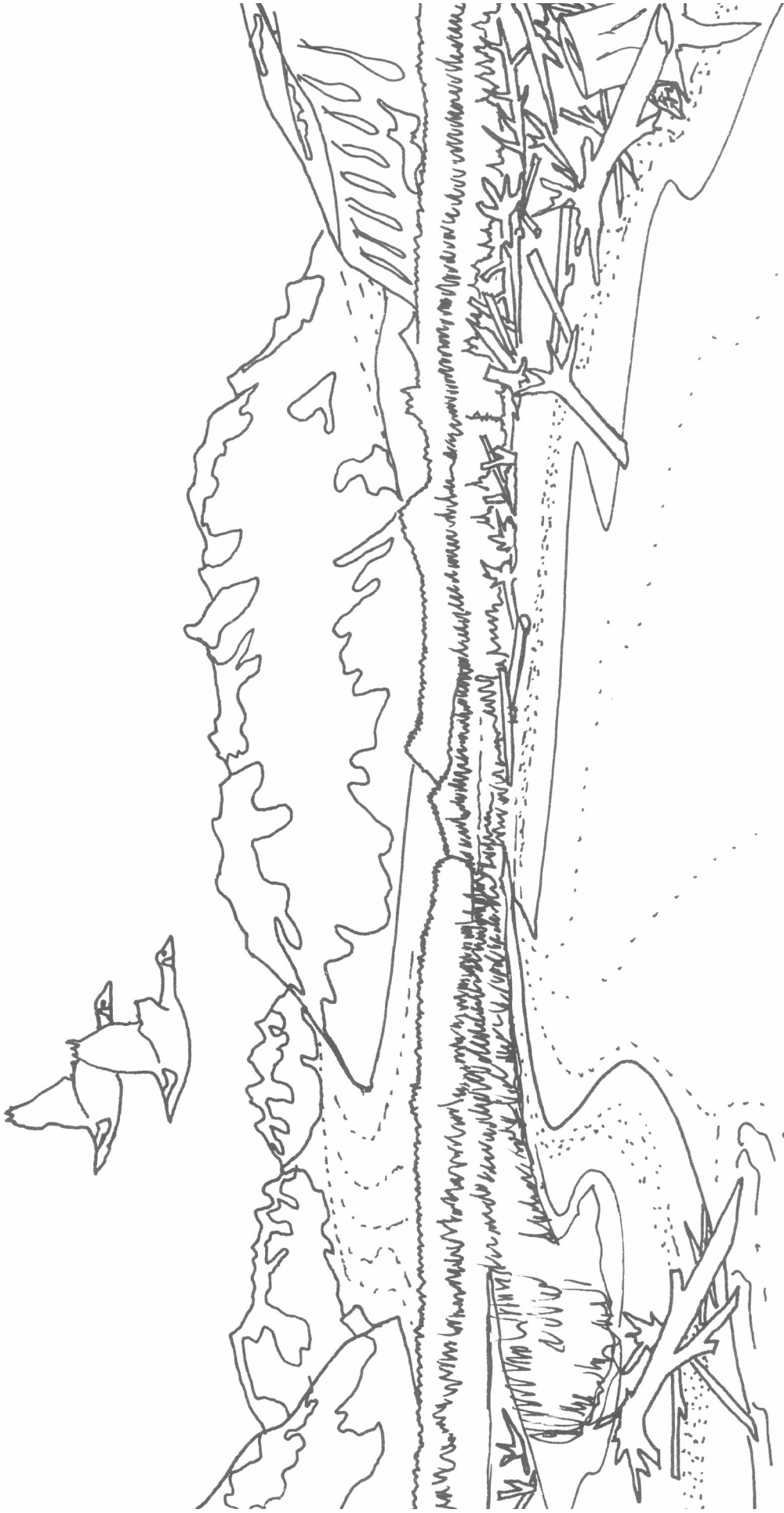


#### **Alaska Cruise 1909**

by Bertha Adele Penny & Constance Taylor  
Alaska travel history from  
Fathom Publishing

[alaskastories.fathompublishing.com/](http://alaskastories.fathompublishing.com/)

A captivating journey to Alaska aboard the Steamer Northwestern in 1909. The story, told in the voice of turn-of-the-century America and full of humor as well as poignant beauty, comes to life with vintage photographs and newspaper clippings



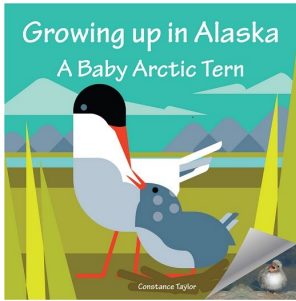
—MEA



**Coloring Alaska's Cordova**  
by Michael C. Anderson  
Coloring book from Fathom Publishing  
[michaelandersonartist.com](http://michaelandersonartist.com)

A guide to Cordova activities, wildlife and surroundings. Hand drawn sketches by Cordova artist Mike Anderson feature the town and beautiful scenery and highlight the many activities that make up life in Cordova, Alaska.





# Arctic Tern Word Search

Find and circle the words about Arctic Terns.  
Words may be forward or backward, up or down,  
side to side, or diagonal.

	G	F	E	B	B	E	A	K	Z	N	H	Q	A	N	T	
ALASKA	J	E	G	U	X	Y	L	R	V	E	U	S	M	M	E	FISH
ANTARCTICA	Z	B	G	Y	Q	J	A	P	C	S	V	Z	I	U	Q	FLY
ARCTIC	A	S	D	Z	B	Q	S	B	H	T	J	D	G	F	F	HATCH
BEAK	Q	H	D	H	G	T	K	P	I	Y	I	W	R	N	Z	HIDE
BUGS	E	E	X	A	N	T	A	R	C	T	I	C	A	B	Q	LONGEST
CHEEP	P	L	R	T	S	R	Q	K	K	U	S	X	T	S	J	MIGRATION
CHICK	J	L	M	C	C	X	Z	L	K	J	X	C	I	Z	O	NEST
DOWN	H	J	C	H	E	E	P	H	O	H	Z	D	O	W	N	PREEN
EGG	E	Z	I	G	E	B	W	R	W	N	Q	V	N	R	M	SHELL
FEATHER	T	D	Z	F	E	A	T	H	E	R	G	N	G	Q	P	WINGS
	E	D	A	L	Q	J	E	T	B	E	H	E	U	H	G	
	H	H	Z	Y	X	T	S	R	W	I	N	G	S	O	E	
	I	G	K	S	E	Z	D	M	W	D	H	E	G	T	Q	

## FUN FACTS

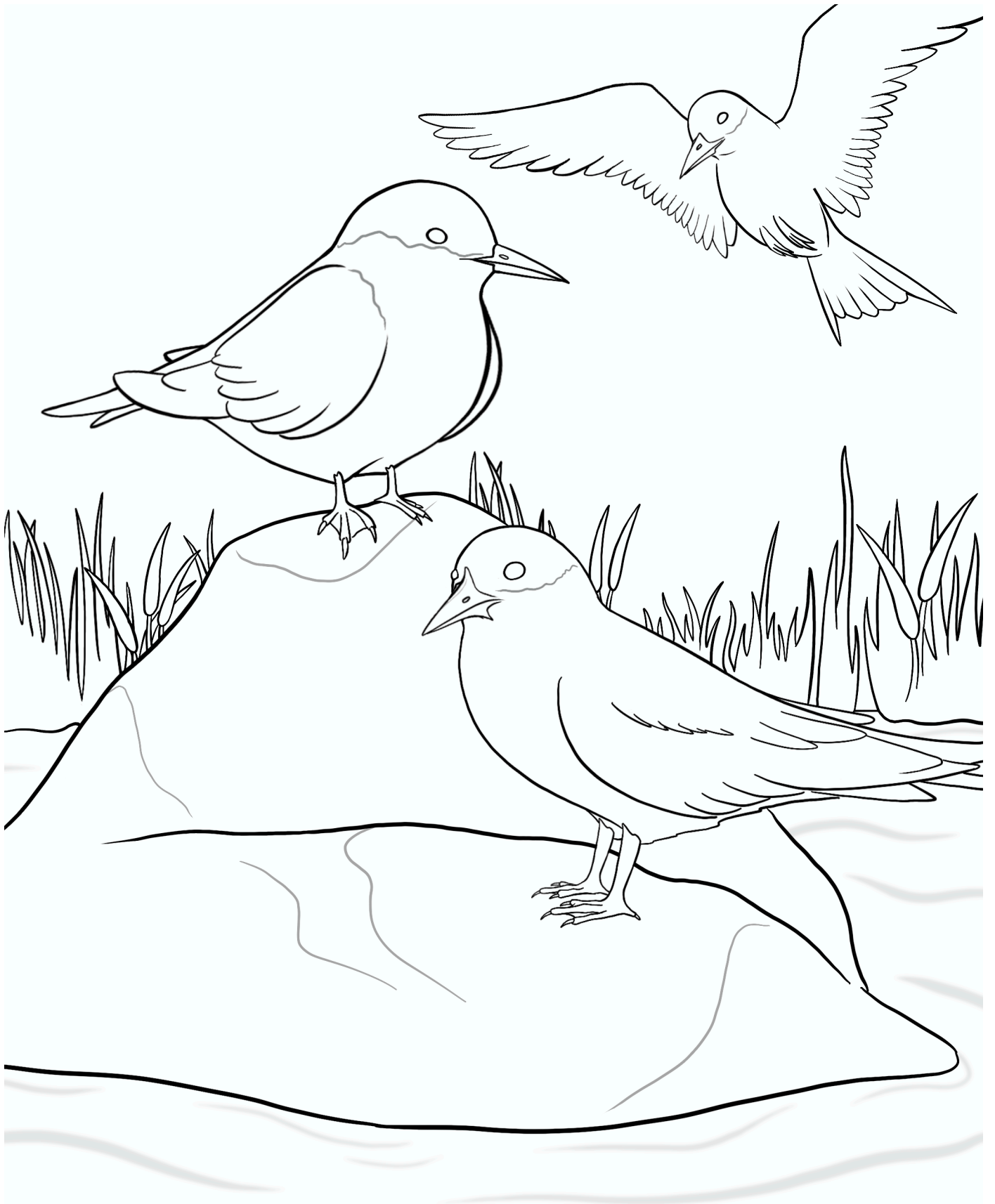
- Arctic terns have the **longest migration** route of any bird.
- Every year, they fly from their **Arctic** breeding grounds down to **Antarctica** and back again.
- Some Arctic terns have been tracked flying 60,000 miles in one year!
- Arctic tern **chicks** can make their first long flight south a month or two after they **hatch**.



***Growing up in Alaska, A Baby Arctic Tern***  
by Constance Taylor

Children's Nature from Fathom Publishing  
arctictern.fathompublishing.com

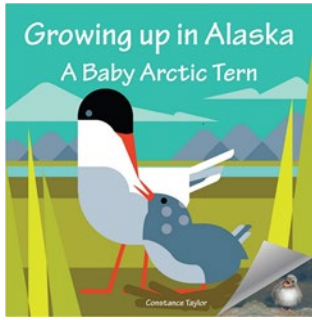
A baby Arctic tern hatches in Alaska. He has much to learn: how to eat, how to swim, how to bathe. But his greatest wish ... is to FLY! Photographs and story of an Arctic tern during his first months.



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# Arctic Tern Code Breaker

See if you can break the code and discover an amazing fact about Arctic Terns.

A	C	D	E	G	H	I	L	N	P	R	S	T	W	Y
\$	*	∴	○	¥	≈	√	∞	△	≠	◻	...	÷	⊗	?

$\$$     $\square$     $*$     $\div$     $\sqrt{\quad}$     $*$     $\div$     $\circ$     $\square$     $\Delta$     $\dots$     $*$     $\$$     $\Delta$

$\dots$     $\infty$     $\circ$     $\circ$     $\neq$     $\otimes$     $\approx$     $\sqrt{\quad}$     $\infty$     $\circ$     $\div$     $\approx$     $\circ$     $?$

$\neq$     $\infty$     $\sqrt{\quad}$     $\therefore$     $\circ$     $\sqrt{\quad}$     $\Delta$     $\div$     $\approx$     $\circ$     $\$$     $\sqrt{\quad}$     $\square$

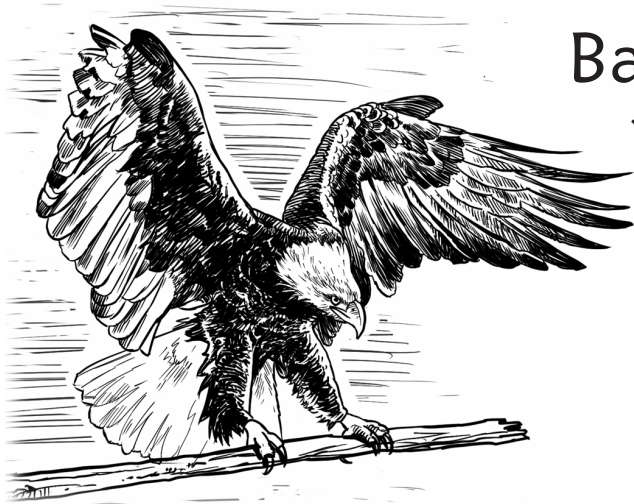
## FUN FACTS

- Arctic terns have the **longest migration** route of any bird.
- Every year, they fly from their **Arctic** breeding grounds down to **Antarctica** and back again.
- In their lifetime, Arctic terns can fly far enough to make three round trips to the moon.
- Arctic tern chicks can make their first long flight south a month or two after they hatch.



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# Bald Eagle Word Search

You'll need an eagle eye to spot all the words about the majestic Bald Eagle.

- BALD
- BEAK
- BIRD OF PREY
- CARNIVORE
- DIVE
- EAGLE
- EAGLET
- EYES
- FAST
- FEATHERS
- FLY
- NEST
- PERCH
- PLUMAGE
- POWERFUL
- SIGHT
- SOAR
- TALONS
- WHITE
- WINGSPAN

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

## FUN FACTS

- Powerful bald eagles can **fly** up to 10,000 feet in the air, **soar** on rising air currents, and **dive** at speeds close to 100 mph.
- Their **wingspan** can reach over 7 feet.
- Bald eagles can see up to 5 times farther than humans, giving them the strongest **eyes** in the animal kingdom.
- Bald eagle **nests** are usually 5-6 feet wide and 3-4 feet tall, and they add on to them every year.

### Alaska's Bald Eagles

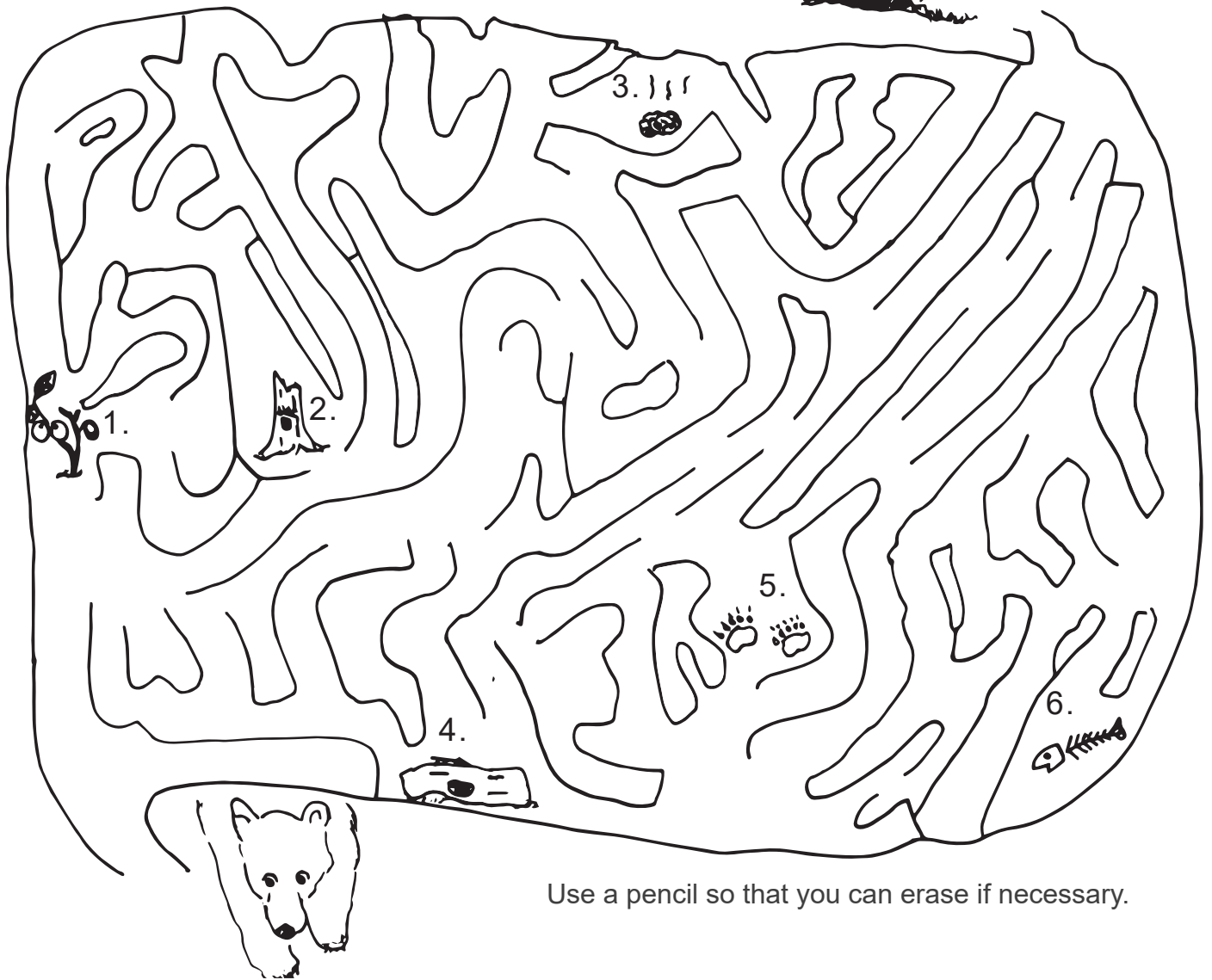
Videos by Connie Taylor

[fathomtwist.com/birds/bald-eagle](http://fathomtwist.com/birds/bald-eagle)

Alaska's bald eagles are the largest resident bird of prey. Videos include feeding on the Kenai Peninsula, winter perching in the Chugach Mountains, and raising an eaglet in Anchorage, Alaska.

# Follow the Bear

Follow the clues to find this bear's den. (Warning: don't ever try to follow a bear when in the woods!)



Use a pencil so that you can erase if necessary.

Scout well. Watch for bear signs.

1. Blueberry bushes. The bear had lunch here. Be like a bear and push past the bushes if necessary.
2. Claw marks on a spruce tree. The male bear has marked trees to warn other males this is his home.
3. A steaming pile of bear scat (poop). Scat is composed of berries, insects, and grasses.
4. Overturned log. The bear pawed the tree to look for insects.
5. The bear was here! Fresh black bear tracks on the riverbank.
6. Salmon heads and bones on the ground. You are getting close.
7. The bear's den.



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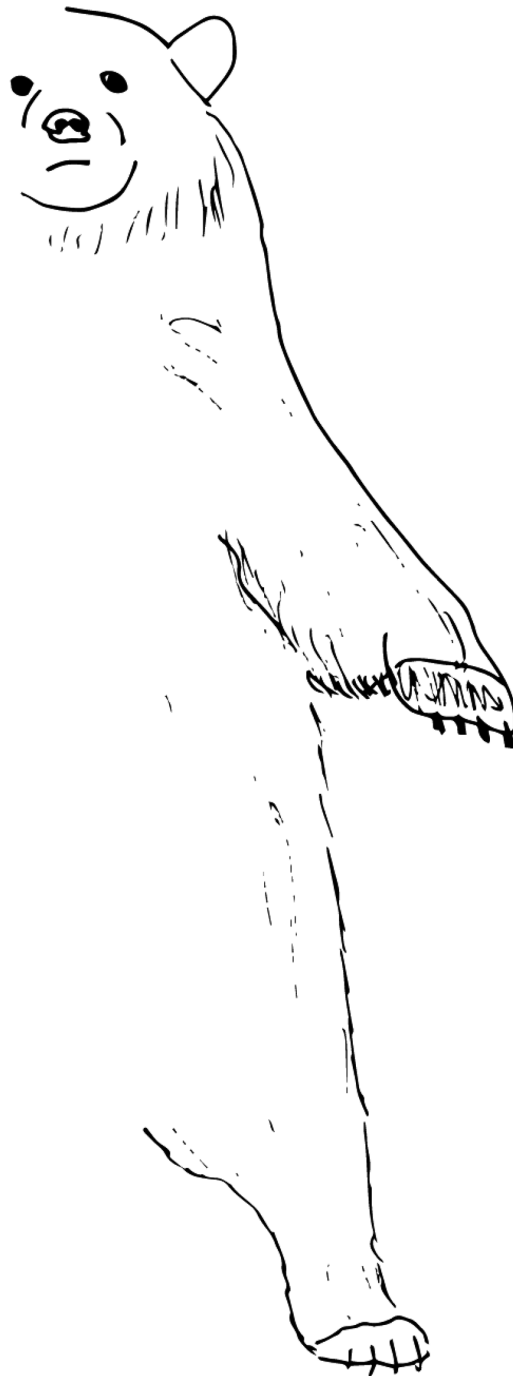


**Alaska's Snowshoe Hare**

Videos by Connie Taylor

[fathomtwist.com/animals/snowshoehare](http://fathomtwist.com/animals/snowshoehare)

Alaska's Snowshoe Hare are prepared for winter's deep snow with large, well-furred hind feet. Videos show their summer feeding habits.



Draw the rest of this bear and color him brown. Add some trees and plants to your drawing.

Sourdough says:

*In the Alaskan Interior, this bear is called a grizzly. On the coast, folks name it brown bear. Adult bears weigh from five hundred to fifteen hundred pounds and can be nine feet high when standing tall. At birth, cubs weigh as much as a large potato.*

*Biologist tips for hiking in bear country include making noise as you hike. Talk or sing. Wear bear bells. Don't wear earbuds. If you meet a bear, stand still. Raise your arms to help the bear know you are a human. Avoid looking at the bear directly in its eyes. Talk to the bear as you slowly back up. Do not panic, shout, or run as the bear may think you are prey. Carry bear spray.*



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# Arctic Ground Squirrel

## Word Search



D S E G H Y S Q W Y K I F O P F	ALPINE
X H K B R T K I M N U T S G W T	ARCTIC
V E I C N W E E V O N O Q F Q S	BERRIES
N S T B Q Z E Q T L V I U T E Z	BURROW
F B T H E F H S H O S Y I S D X	CHEEKS
S C E N A R C T I C Z H R C R V	COLONY
L Z N Q S T N E E R B D R U Y B	DEN
D E S E D F H A D T A T E Y F G	FORAGER
D Z A A H H E F T B L Y L Y O J	FUR
F C W V W Q F H J E P E G J R U	GROUND
G B D G E D V Y N K I S F E A O	HIBERNATE
K H G B W S B N H P N H U G G P	KITTENS
L M B U Q G U N L B E R R I E S	LEAVES
P P C R R T B D F S B F W Q R S	NUTS
I K Q R Y O Q W M F V R S E H Q	OMNIVORE
H S T O O R G B N Y G U K A P W	ROOTS
R V H W E P T Y U H R N S B V V	SEEDS
X H U O U O M N I V O R E Z X Z	SQUIRREL
Q T U N D R A J H C U Z S A W N	TORPOR
E N G J G D S V N Y N S G R W G	TUNDRA
S F W E Y U J S E E D S U R D F	TUNNEL

### FUN FACTS

- A baby ground squirrel is called a **kitten**.
- Ground squirrels are **omnivores** – they eat plants and meat.
- When a ground squirrel **hibernates**, its body enters a state called **torpor** which lowers the body temperature and reduces the amount of energy used.



#### **Sik-Sik's Summer**

by Constance Taylor & Wendy Kenny

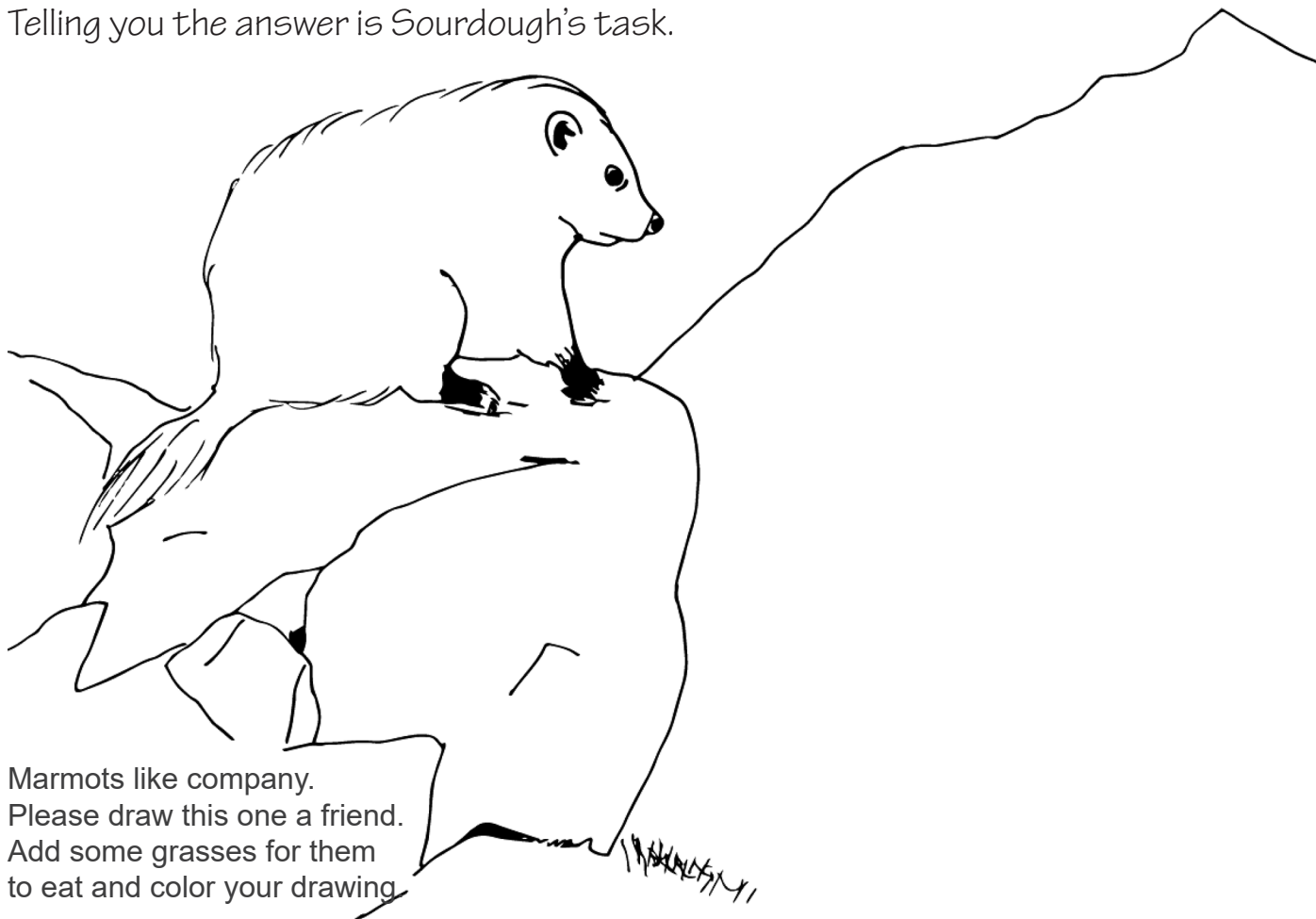
Children's Nature from Fathom Publishing

[arcticground squirrel.fathompublishing.com](http://arcticground squirrel.fathompublishing.com)

Join an Arctic ground squirrel called Sik-Sik as she wakes from her long winter sleep in Alaska. The land is brown and dry at first, but as spring turns to summer, the world turns green and the mountains bloom. Children will enjoy the photographs and story of Sik-Sik's Summer.



While at the top, your ears may fill  
with a whistle loud and shrill.  
“What makes that noise?” you may ask.  
Telling you the answer is Sourdough’s task.



Marmots like company.  
Please draw this one a friend.  
Add some grasses for them  
to eat and color your drawing.



Sourdough says:

Marmots dig tunnels up to thirty feet long. Marmots whistle, chirp, and trill to signal danger. Hoary marmots, Alaska marmots, and woodchucks all live in Alaska’s alpine regions. Sometimes marmots are called whistle pigs, but they are not a pig. They are a type of ground squirrel.

February 1 is Marmot Day in Alaska. Families gather for dinner on this official state holiday and tell marmot jokes like:

What can a whistle pig do that a normal pig can’t?

The answer is Whistle!



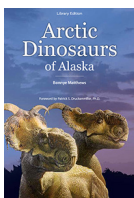
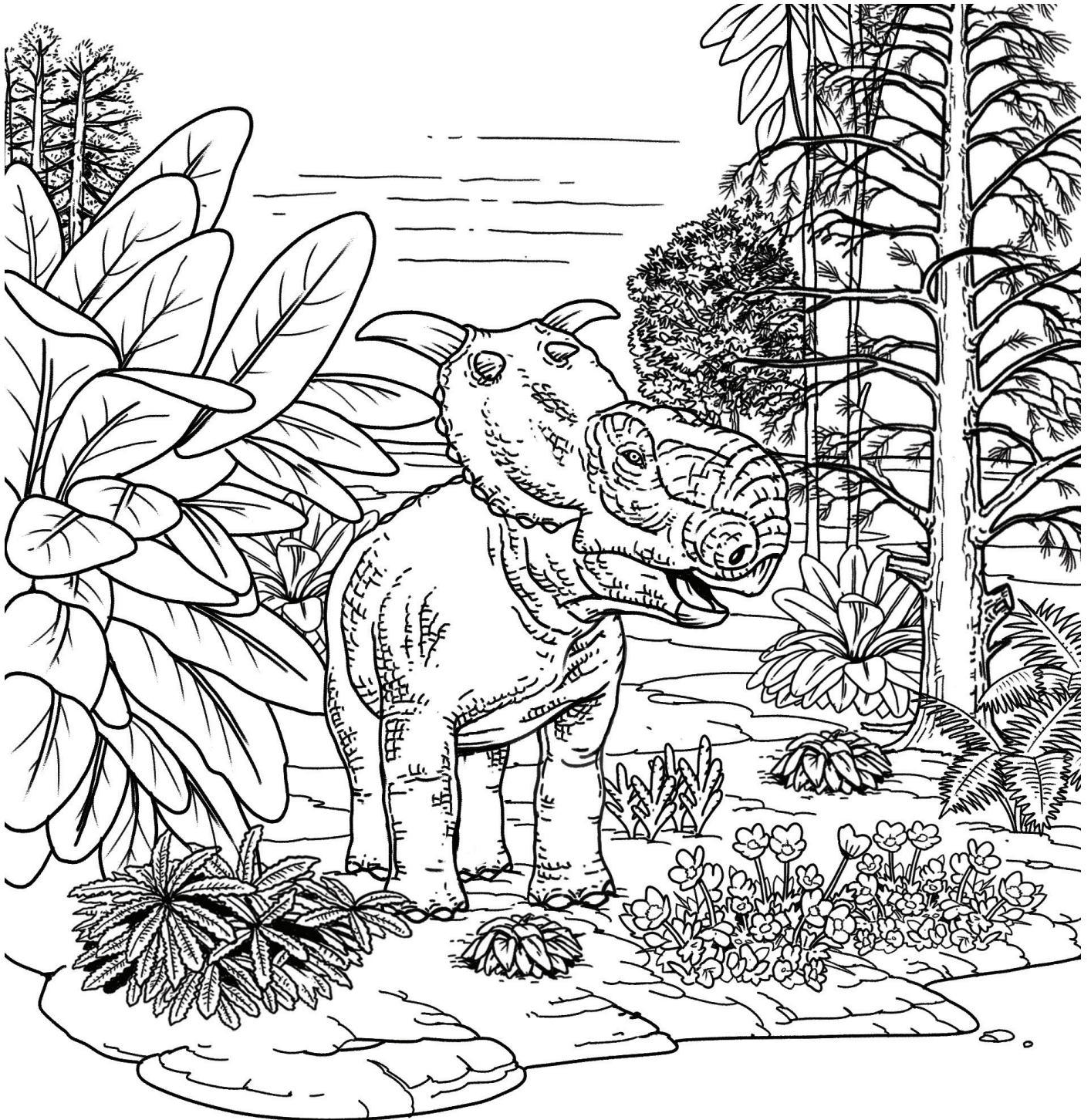
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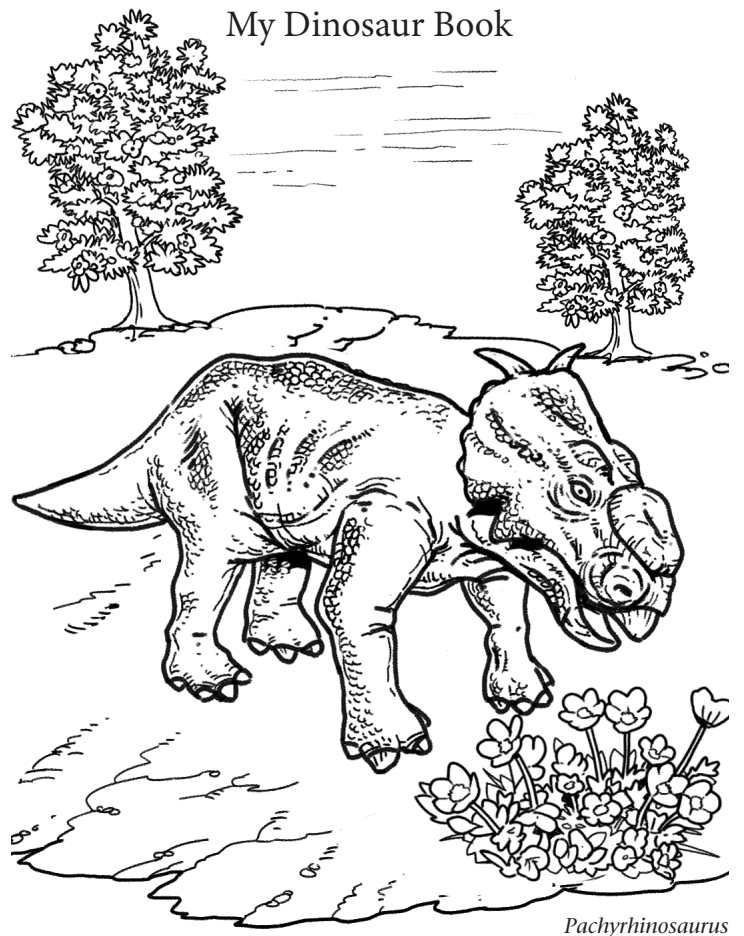
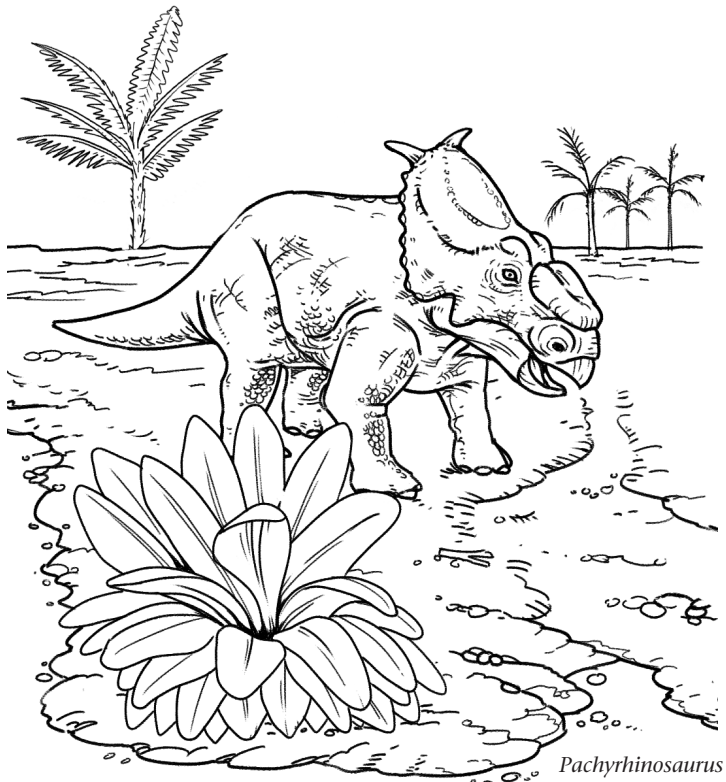
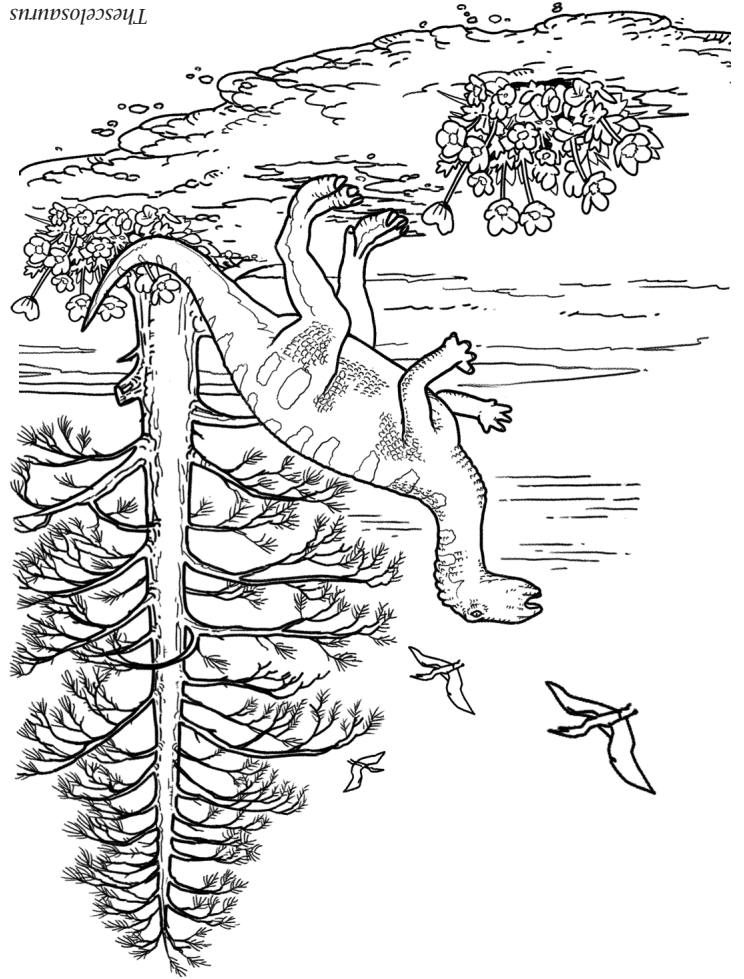
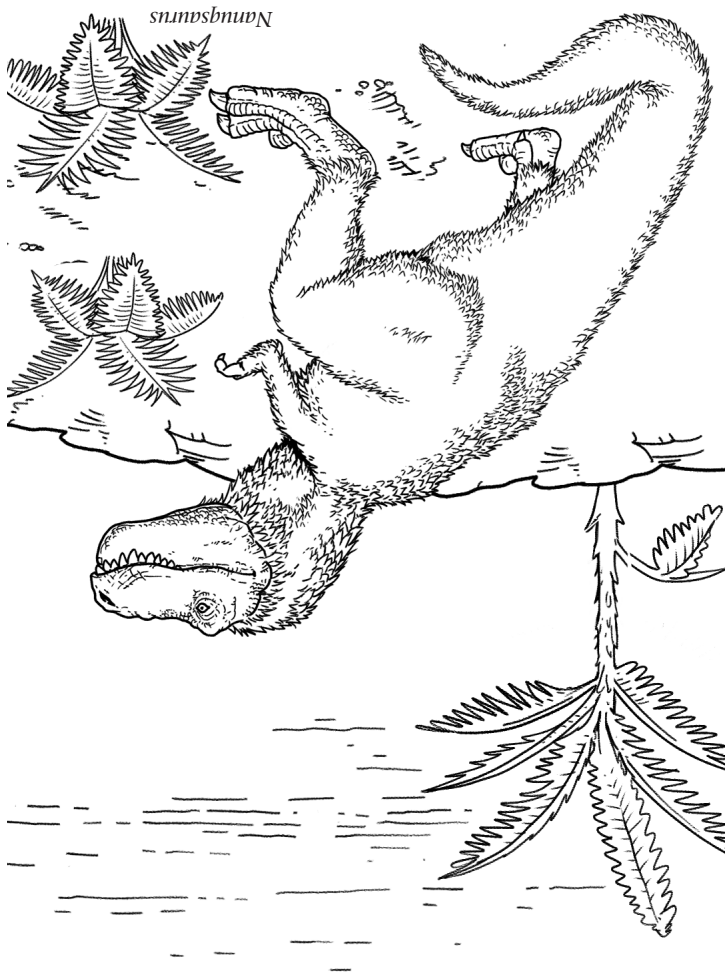
# Arctic Dinosaurs of Alaska

## Pachyrhinosaurus



**Arctic Dinosaurs of Alaska**  
by Bonnye Matthews,  
Jacques Polomé, Illustrator  
Middle Grade Fiction from Fathom Publishing  
[www.fathompublishing.com/kids&teens/arcticdinosaurs](http://www.fathompublishing.com/kids&teens/arcticdinosaurs)

A novel following a year in the life of dinosaurs living on Alaska's North Slope seventy million years ago. Fictional tale based on current knowledge of dinosaurs along with many factual explanations.



My Dinosaur Book

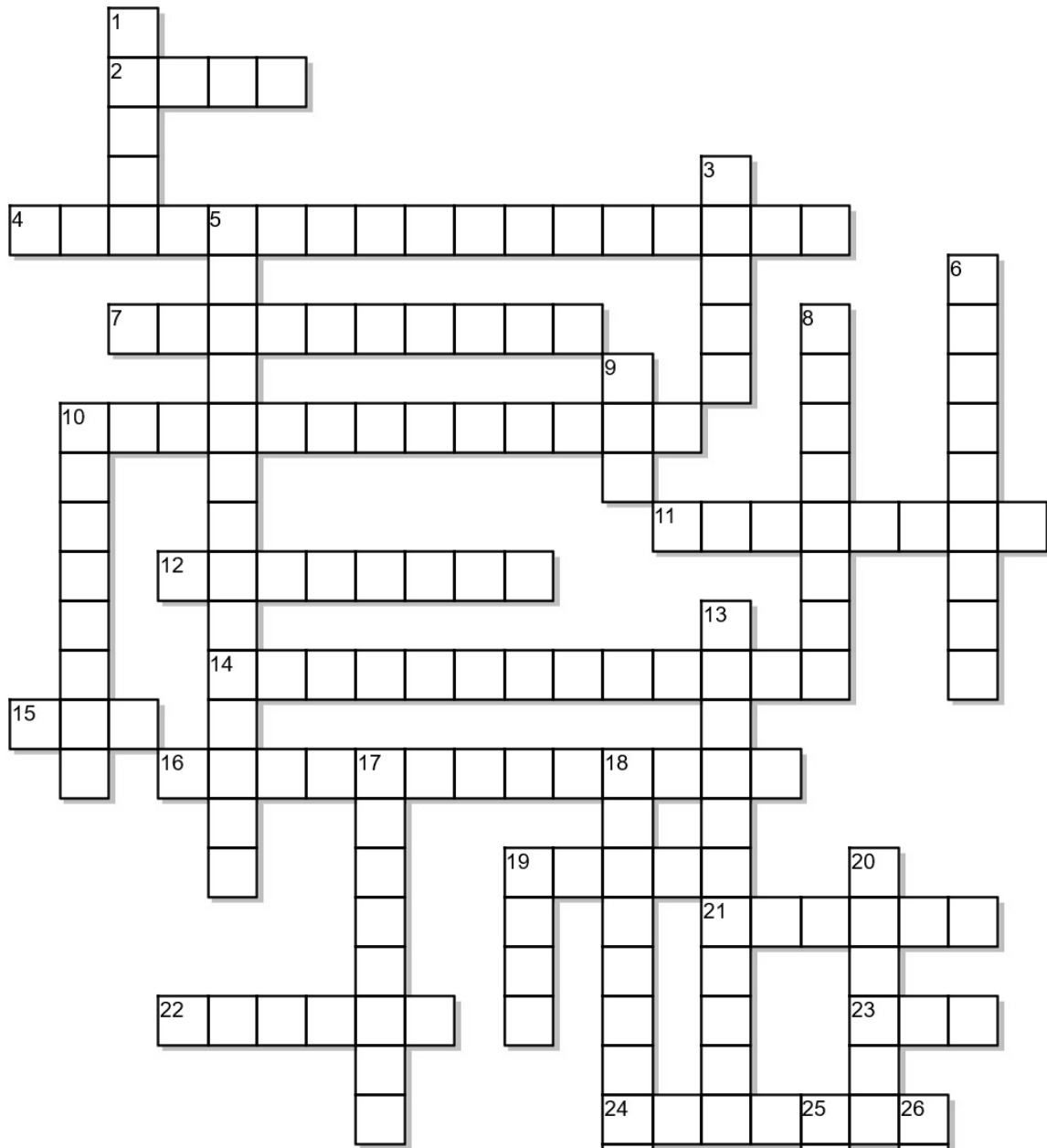
Fold in quarters and color.

**Arctic Dinosaurs of Alaska**

by Bonnye Matthews, Illustrator Jacques Polomé  
Middle Grade Fiction from Fathom Publishing

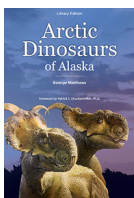
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# Arctic Dinosaurs of Alaska Crossword



## Word Bank

Alaskacephale, Asteroid, Aurora, Beak, Birds, Cannot, Colville, Dromaeosaurus, Druckenmiller, Duckbill, Ears, Fly, Fossil, Frill, Greenhouse, Hibernate, Icehouse, Illegal, Liscolm, Mammals, Nanuqsaurus, Oil, Ornithomimosaurus, Seven, Sun, Ten, Thescelosaurus, Troodons, Ugrunaaluk



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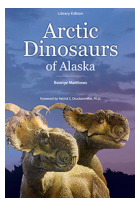
# Arctic Dinosaurs of Alaska Crossword

## Across

- The sound organ we have both internally and externally that dinosaurs only had internally.
- Dinosaur known as “bird mimic.”
- The earth climate environment during which the dinosaurs lived.
- Patrick \_\_\_\_\_ of the University of Alaska Museum of the North is known for his Arctic dinosaur research.
- These dinosaurs may have done well at night and in winter with their large eyes.
- Dinosaur fossils have been found in a bluff on the \_\_\_\_\_ River on Alaska’s North Slope.
- Dinosaur known as “head banger.”
- What pterosaurs did that Arctic dinosaurs couldn’t do.
- Dinosaur called “running lizard.”
- Though small, these flying creatures in large groups could provide a lot of trouble to a single dinosaur much larger than they were.
- In the Arctic winter night’s sky, the \_\_\_\_\_ is an additional source of light to the moon and stars.
- Even paleontologists \_\_\_\_\_ keep their fossil finds for personal use.
- Sky feature missing for about a quarter of a year in the Arctic.
- Robert \_\_\_\_\_ found the first dinosaur fossils in Alaska.
- Without a permit, it is \_\_\_\_\_ to collect dinosaur fossils on public (government-owned) land.
- Some small \_\_\_\_\_ lived alongside dinosaurs, but they didn’t come into their strength worldwide until the end of the dinosaurs.

## Down

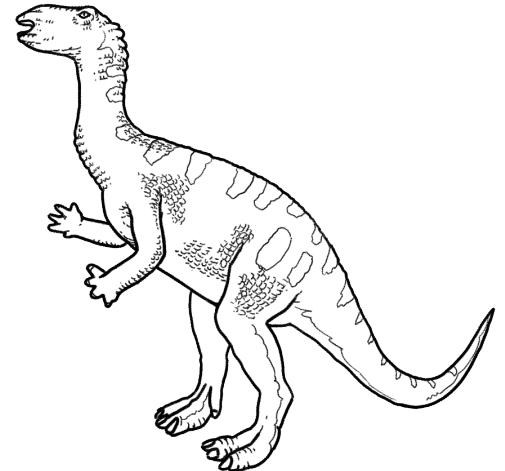
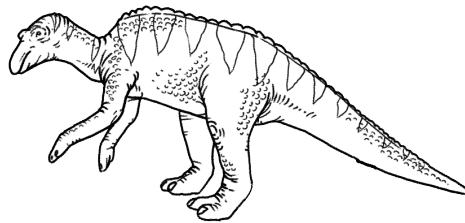
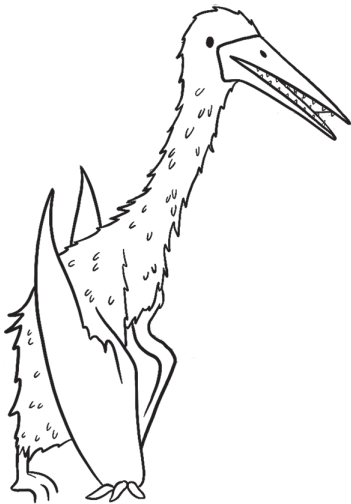
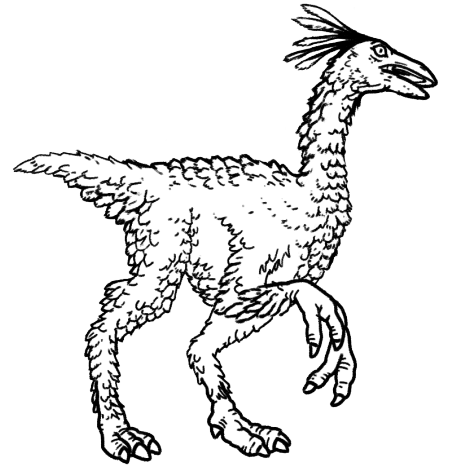
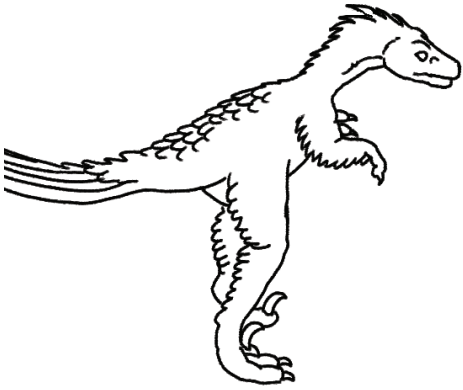
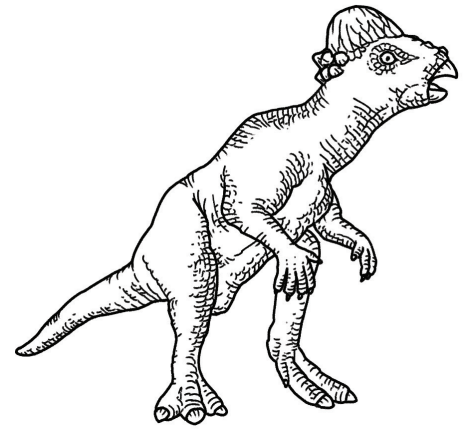
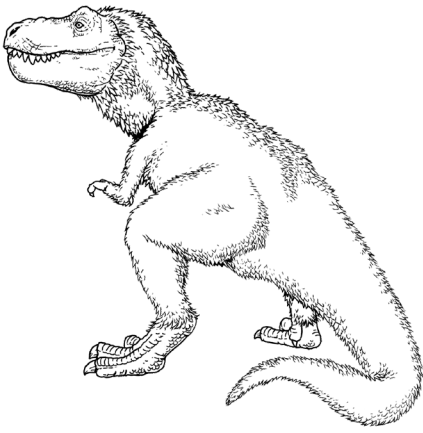
- In Alaska there are \_\_\_\_\_ different government laws that deal with collecting fossils/artifacts.
- Headgear for pachyrhinosauruses.
- Only Arctic dinosaur scientists think may have hibernated.
- One way a creature may survive the Arctic cold.
- The type of earth climate environment referred to as \_\_\_\_\_ earth began 2.58 million years ago.
- If you found a dinosaur bone at Denali National Park, carried it home, and kept it on your bookcase, you could be jailed for \_\_\_\_\_ years and/or fined up to \$250,000. The fossil would likely be removed to a place where it could be studied scientifically.
- The facial aspect of the ugrunaaluk that distinguished it from other groups of dinosaurs.
- T-rex of Alaska.
- The extinction of the dinosaurs is blamed on an \_\_\_\_\_.
- Dinosaur named “ancient grazer.”
- Pachyrhinosauruses had no lips. Instead, they had a \_\_\_\_\_.
- We know dinosaurs once lived in Arctic regions because scientists have found \_\_\_\_\_ remains.
- The father of Alaska’s dinosaurs was employed to find likely spots for \_\_\_\_\_.
- The Cretaceous ends with the extinction of the dinosaurs, ushering in the time of \_\_\_\_\_.



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*Alaskacephale gangloffii*

a-LASS-kuh-SEF-ah-lee

“Alaska Head,” head banger (hard to know size from head fragments), known egg layer, possible omnivore

Hip Height	Length
3.2 feet 0.975m	8.2 feet 2.499m

*Dromaeosaurus albertensis*

DRO-ME-uh-sorus

“running lizard,” raptor, feathered, carnivore

Hip Height	Length
18 inches 0.457m	6 feet 1.828m

*Nanuqsaurus hoglundi*

na-nook-SORus

“polar bear lizard,” t-rex of the Arctic, (Nanuq term from Inupiat language for polar bear), carnivore

Hip Height	Length
6-7 feet 1.828- 2.133m	6.6-8.2 feet 2.0116- 2.499m

*Ornithomimosaurus edmontonicus*

or-NITH-o-MIEM-uhs-SORus

“bird mimic,” fast runner, smart, possible omnivore

Hip Height	Length
2-3 feet 0.609- 1.828m	8-26 feet 2.438- 7.924m

*Pachyrhinosaurus perotorum*

pack-ee-RYE-no-sorus

“thick-nosed lizard,” herbivore

Hip Height	Length
6 feet 1.828m	20-26 feet 6.096- 7.924m

*Troodon inequalis*

True-uh-don

“wounding tooth,” smartest dinosaur, laid eggs in dirt nests, carnivore

Hip Height	Length
3-4 feet 0.914- 1.219m	6.5-11.5 feet 1.981- 3.505m

*Thescelosaurus*

THESS-kill-uh-sorus

“wonderful/beautiful lizard,” cheeks pouched when chewing, herbivore

Hip Height	Length
3 feet 0.914m	8.2-13 feet 2.499- 3.962m

*Ugrunaaluk kuukpikensis*

oo-GREW-na-luck

“ancient grazer,” term from Inupiat language Ugru = plant grinding, Naluk = old, herbivore

Hip Height	Length
9.8 feet 2.987m	25-29 feet 7.620- 8.839m

*Pterosaursus*

Ter-uh-sor-us

The pterosaurs were not dinosaurs, bats, lizards, nor birds. They also lived in the Arctic at the same time as the dinosaurs. Their size varied from that of today’s small birds to one with the height of a giraffe and a 35’ wingspan. They have no living relatives.



***Saga of an Aviation Survivor***  
by Howard "Mike" Hunt  
Biography from Fathom Publishing  
[fathompublishing.com/biography/hunt](http://fathompublishing.com/biography/hunt)

The story of a World War II pilot's experiences in the war and later in Alaska where he joined with other vets to form a non-scheduled airline. Hunt was devoted to preserving warbirds such as the BT-13 above.



# BT-13 Valiant Warbird Math Problems

## BT-13 Valiant Facts

Fuel capacity: 120 US Gallons.  
17 of which is only for reserve/emergency

Average fuel burn per hour: 19.8 gallons per hour (gph)

Maximum diving speed: 230 miles per hour (mph)

Max speed: 183 mph      Cruise speed: 140 mph

Maximum Range: 725 miles approximate

Ceiling: 16,503 ft (highest plane is rated to fly)

Max takeoff weight: 4,495 lbs      Empty weight: 2,978 lbs



Length: 28.7 ft      Width: 43.2 ft      Height: 12.3 ft

**You are the pilot of a BT-13 on a training mission.**

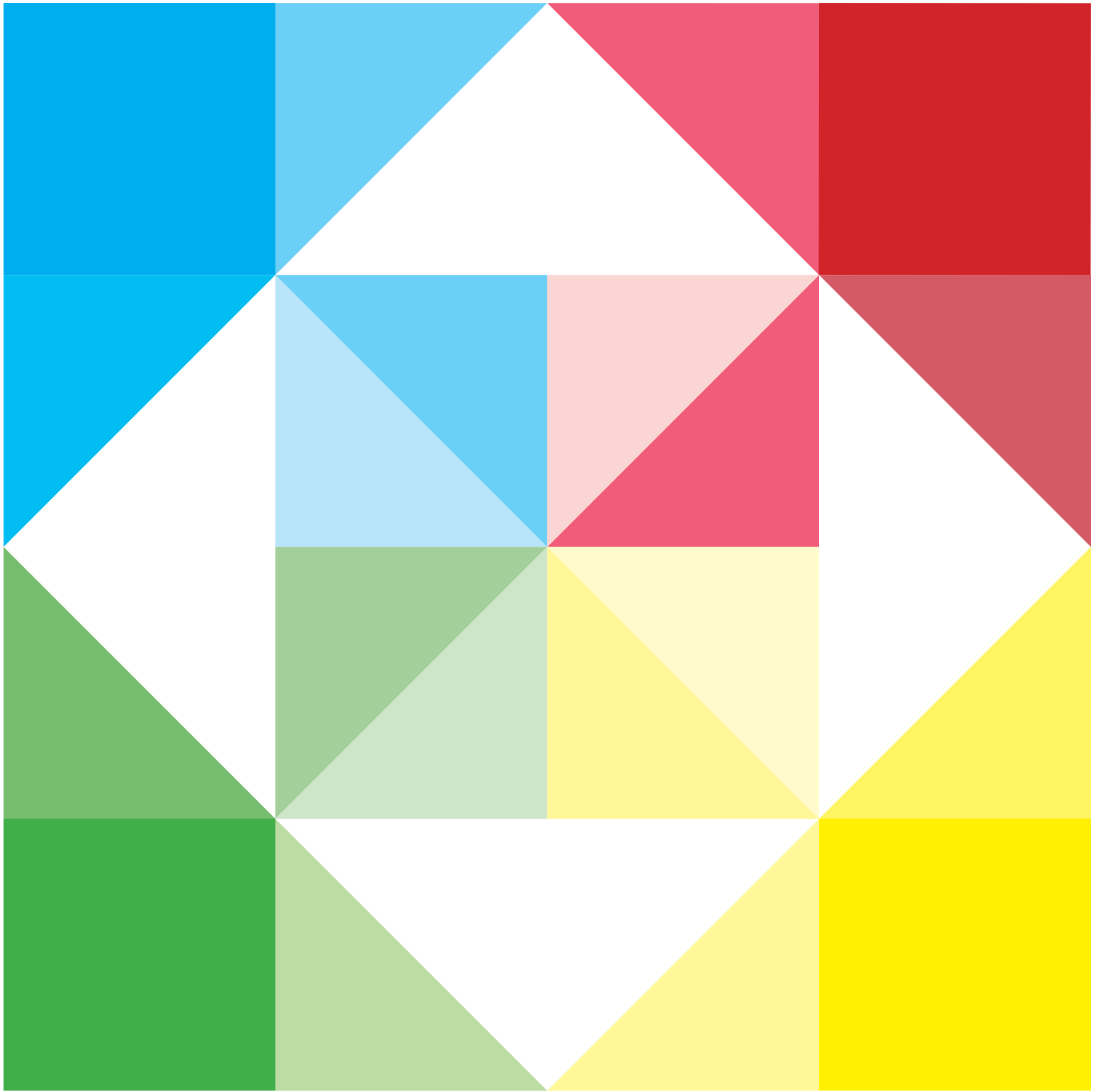
**Here are some important calculations you need to make before leaving the base.**

1. How far from base can the BT-13 fly before turning back safely?
2. Your BT-13 is flying at the ceiling when the engine quits and the plane starts gliding down to earth at a rate of 500 feet per minute. How long do you have to start the engine before crashing?
3. You are taking off with your fuel tanks full. How far can you fly at cruise speed before you have to land to refuel?
4. You take off and need to get to the highest you can possibly fly. You can climb at 1000 feet per minute. How long will it take you to get to the BT-13 ceiling.
5. How much payload can your plane carry with full fuel tanks? Fuel weighs 6 lbs per gallons?
6. You are at the ceiling when you start to dive at the maximum diving speed. How long will it take you to dive to 5,000 feet?
7. The airplane you are flying with left the base 20 minutes before you left. That plane's maximum cruising speed is 120 mph. How long will it take you to catch up with him?



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Answers: [fathompublishing.com/solutions](http://fathompublishing.com/solutions)



**Children's Activities**

from  
Fathom Publishing  
fathompublishing.com

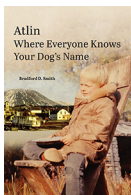
Draw small images and/or write secret messages in the white areas. After folding, these will be hidden and you can only see them when you lift the flap.

You can also write messages on the faintly colored triangles along the outside edges. These messages will be visible when folded and can be clues to the hidden images and messages.

Folding Instructions: Cut out the colored square. Turn printed side down, then fold lower right corner to the upper left corner and crease. Unfold it. Now fold lower left to upper right and crease. Unfold it and your creases should form an X. Keep the printed side down and fold all 4 corners up to the center of the X. You now have a medium square. Turn it over and fold the 4 corners up to the center again to make a small square.

Fold your small square in half from bottom up to make a rectangle and crease, then open it and do that again from left to right. Open it again.

Slide your fingers into the 4 open corners on the back. Now you can open and close in two directions.



**Atlin Where Everyone Knows Your Dog's Name**  
by Bradford D. Smith  
Memoir from Fathom Publishing  
[fathompublishing.com/biography/atlin](http://fathompublishing.com/biography/atlin)

Experience growing up in an isolated, northern, gold rush town. It was an innocent time when imagination was king and the surrounding wilderness a playground for fishing, dog mushing and all kinds of adventures.



**Luna's Star**

written and illustrated by Sheamus Rasch  
Illustrated children's story, 6-9 year-olds  
from Fathom Publishing

[fathompublishing.com/kids&teens/lunasstar](http://fathompublishing.com/kids&teens/lunasstar)

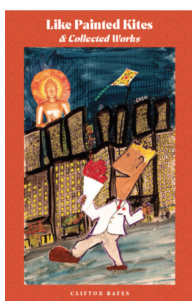
The adventures of an owl who dreamed of reaching the stars.

Luna's Momma and Papa told her, "Little Bird, you can be anything you want to be. Only the sky is the limit. So dream big." And she did.





Kite coloring page courtesy of Abrian Curington, Illustrator



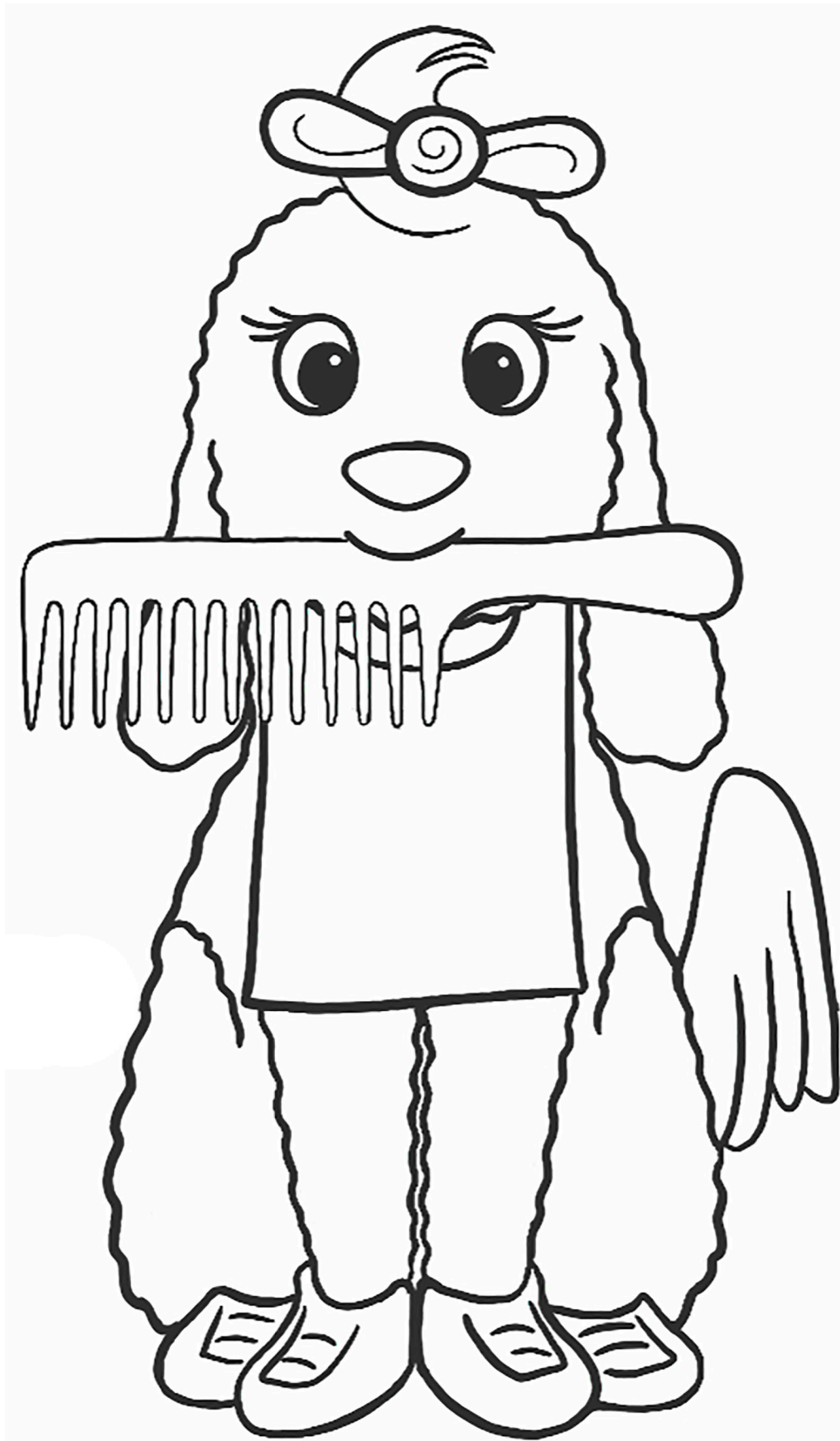
***Like Painted Kites & Collected Works***

Clifton Bates  
Painting and drawings by Thomas  
Pickering and Clifton Bates

Literature: short stories, poetry, essays  
and plays

Available on Amazon.com

This is a collection of various writings previously published in Alaska/USA, England, France, Germany, and Malaysia. Part I (*Like Painted Kites*) is a collection of short stories that take place in Hong King, Macau, and Thailand. Part II (*Qualities of Light*) consists of essays, short stories, a play, and poetry about Alaska. Part III is plays, short stories, poetry and drawings from *Elsewhere*.



Penelope's Hope



Laurie Guderian  
Illustrator

***Penelope's Hope***

by Laurie Guderian, Anthony LeBeau, Illustrator  
Illustrated children's story for 3-6 year-olds.  
from Fathom Publishing

[fathompublishing.com/kids&teens/penelope](http://fathompublishing.com/kids&teens/penelope)

A delightful story about a little dog with a big dream, Penelope's Hope is all about never giving up on your dreams, even if they turn out a little different than you first imagined.

## Penelope's Hope



Laurie Guderian  
Illustrator Anthony LeBeau

# Word Match

Match the words on the left to the correct definition on the right.

1. Carafe

2. Groomer

3. Impeccable

4. Morose

5. Salon

6. Smock

7. Tousled

- A loose coat or gown that is worn to protect clothes (or fur) from getting dirty.

- A special bottle that keeps drinks like coffee or tea hot.

- Perfect, with no mistakes.

- Messed up by hands rubbing back and forth.

- A business that provides grooming.

- A person who keeps hair or fur, skin, and nails clean and neat.

- Unhappy, sad, gloomy.

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## Learn More About Crows

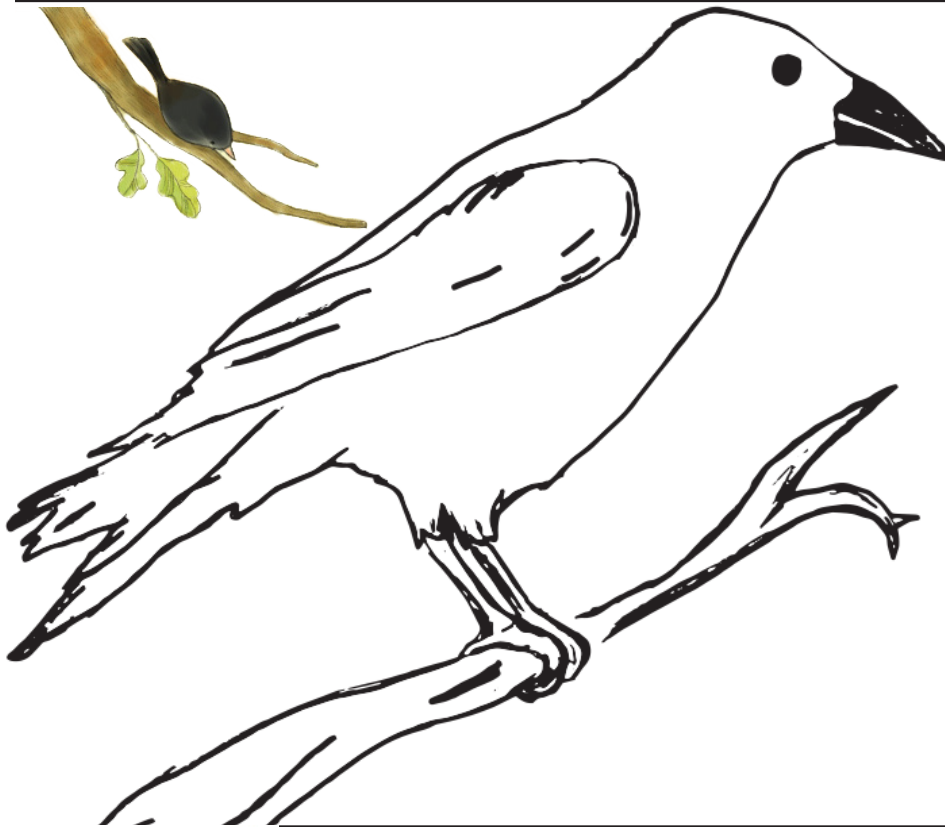
In *A Home for Henry*, a crow follows the little mouse Henry as he searches for a home. The crow talks to Henry as he makes his journey, encouraging him in his adventures.

How much do YOU know about crows?

Test your knowledge in the following quiz. Then check your answers and color the crow.

### True or False Crow Quiz

1. Crows make a croaking noise that sounds like Groink Groink.	TRUE	FALSE
2. Crows can imitate human speech.	TRUE	FALSE
3. Only humans can make tools.	TRUE	FALSE
4. A group of chickens is called a flock. A group of crows is called a murder.	TRUE	FALSE
5. Crows are much bigger than their cousin the raven.	TRUE	FALSE
6. Crows can recognize familiar human faces.	TRUE	FALSE
7. Crows eat all the food they find at once.	TRUE	FALSE
8. Some crows have been seen dropping walnuts in front of cars stopped at traffic lights. The cars run over the nuts when the lights turn green. The crows retrieve the opened nuts when the light turns red.	TRUE	FALSE
9. When a crow dies, others gather around the dead body, similar to how humans gather at a funeral.	TRUE	FALSE
10. All crows in the world sound exactly the same.	TRUE	FALSE



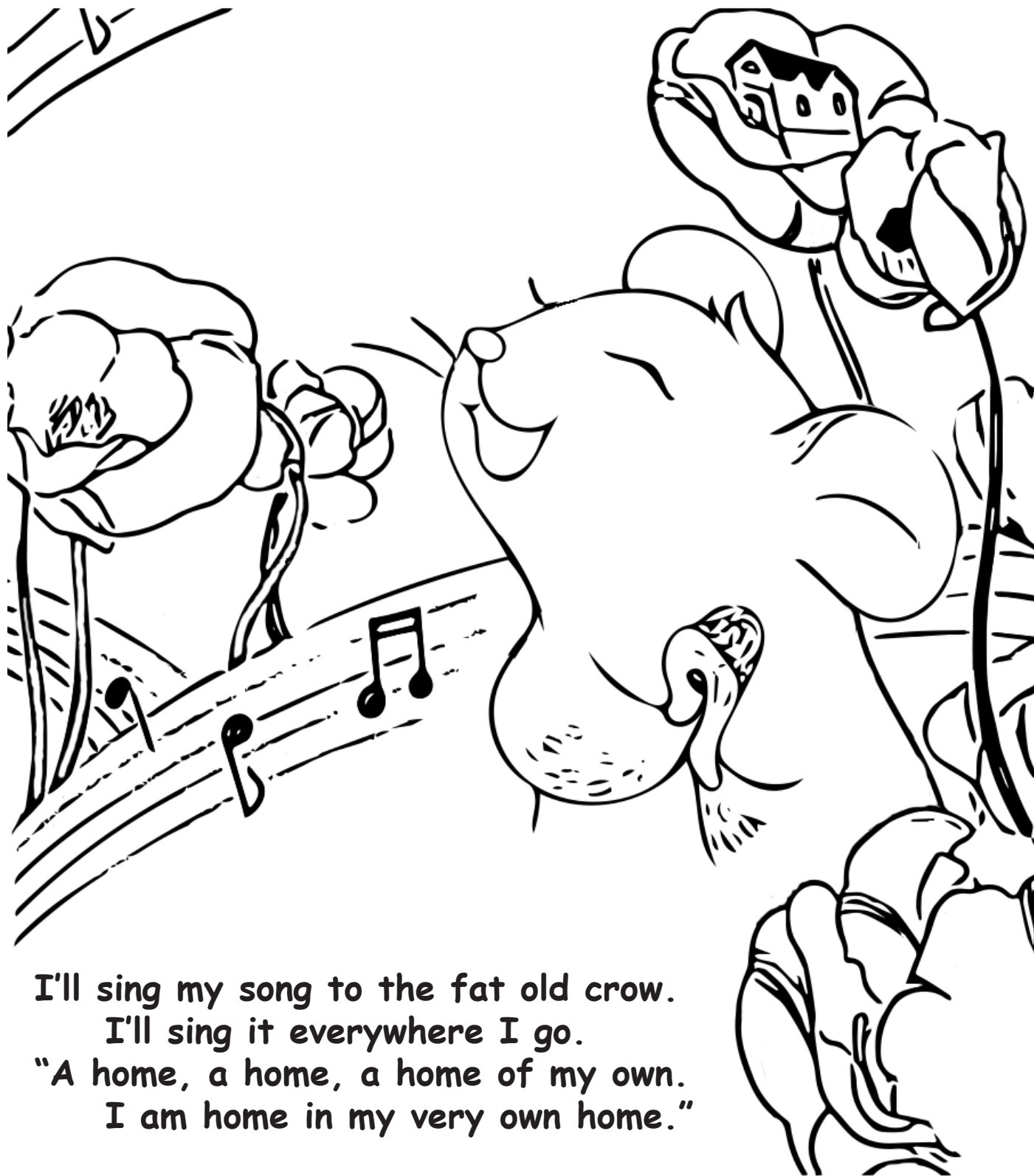
**Crow Quiz Answers**

1. False: Crow's calls sound like Caw Caw. Their larger raven cousins make the Groink Groink noise. Crows can also make bell-like sounds, and rattle sounds. 2. True.. Crows are known to mimic as many as 250 human words. They also can imitate dogs barking, horns blaring, or phones ringing. 3. False: Crows have been seen making hooks out of twigs in order to catch insects hiding in cracks in bark. 4. True. 5. False. Crows are much smaller than their raven cousins. Crows are shorter and lighter with a smaller wingspan. 6. True. Never be mean to a crow as they will remember your face and sometimes gang up with other crows to take revenge. 7. False. Crows can dig holes and store food for when food is less abundant. And they remember where they hid it. 8. True. 9. True. 10. False. Crow calls vary in different regions, much like different dialects/accents in human speech.

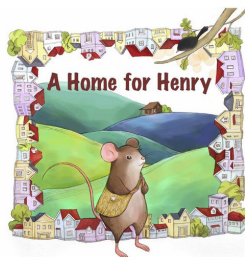


**A Home for Henry**  
by Janice Schofield Eaton,  
illustrator Chuying Li  
Children's story by Eaton  
[athomewithjaniceschofield Eaton.com](http://athomewithjaniceschofield Eaton.com)

*A Home for Henry* is a delightful story ideal for little ones learning to read or who enjoy hearing a bedtime story. The pages are in vibrant colors. Learn more about crows and color a crow yourself.

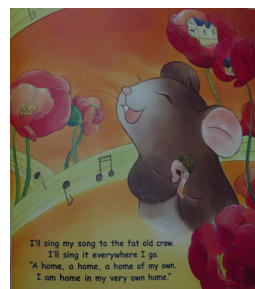


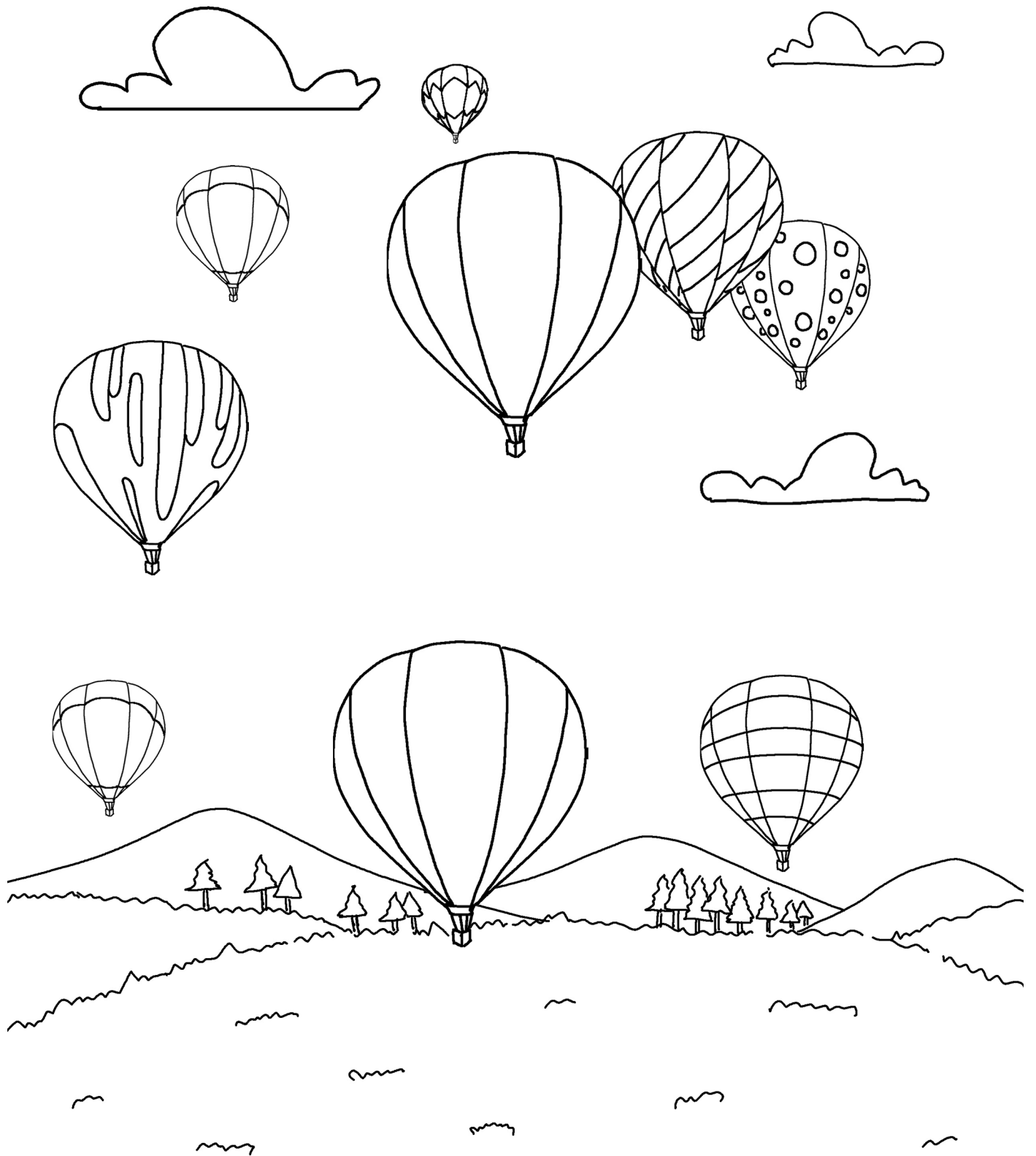
I'll sing my song to the fat old crow.  
I'll sing it everywhere I go.  
"A home, a home, a home of my own.  
I am home in my very own home."



***A Home for Henry***  
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Children's story by Eaton  
[athomewithjaniceschofieldeaton.com](http://athomewithjaniceschofieldeaton.com)

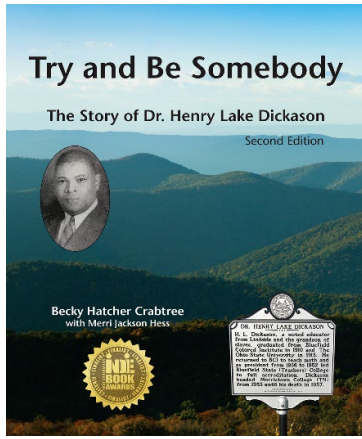
*A Home for Henry* is a delightful story ideal for little ones learning to read or who enjoy hearing a bedtime story. The pages are in vibrant colors. Here's a page from the book to color yourself.





***It Won't Stay Light Forever***  
by Ed Weyhing  
Short stories from Fathom Publishing  
[edweyhing.fathompublishing.com](http://edweyhing.fathompublishing.com)

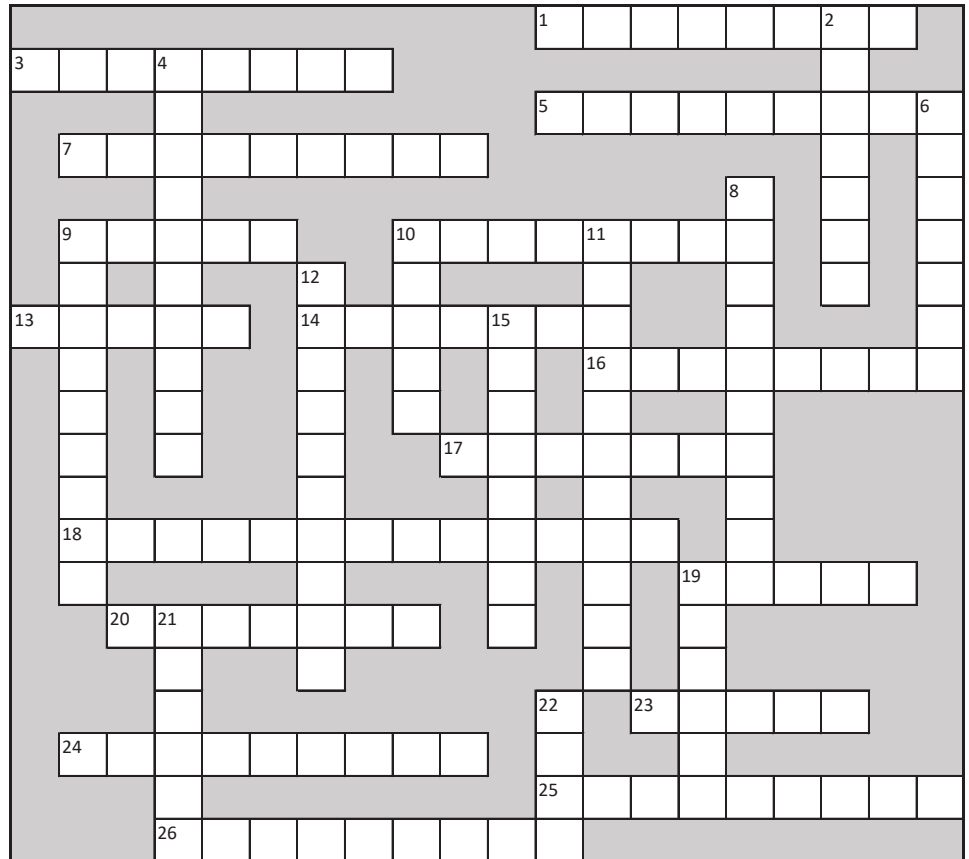
In the end, stories are a composite of things, some real, some imagined, some you experience, some you read about in the paper. Hopefully, pulled together in a story, they tell some truth. But at the same time they are fictional. These short stories offer solid entertainment along with luminous moments of heartache, humor, fear and hope.



# Try and Be Somebody

## Crossword Puzzle

The following words are all found in the biography *Try and Be Somebody*.

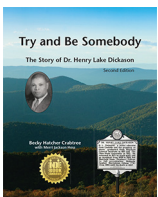


### Down:

2. likely to have a far-reaching effect; radical and extreme
4. contrary to what is usual, traditional, or accepted
6. ability to understand and share the feelings of another
8. continuing to exist or endure over a prolonged period
9. careful and persistent work or effort
10. suffered a continuous dull pain; felt intense sadness
11. aka Tuberculosis, a disease of the lungs
12. a long and severe recession in an economy
15. an alcoholic solution containing morphine, formerly used as a narcotic pain killer
19. steal away secretly to get married
21. an experienced and trusted adviser
22. a religious song

### Across:

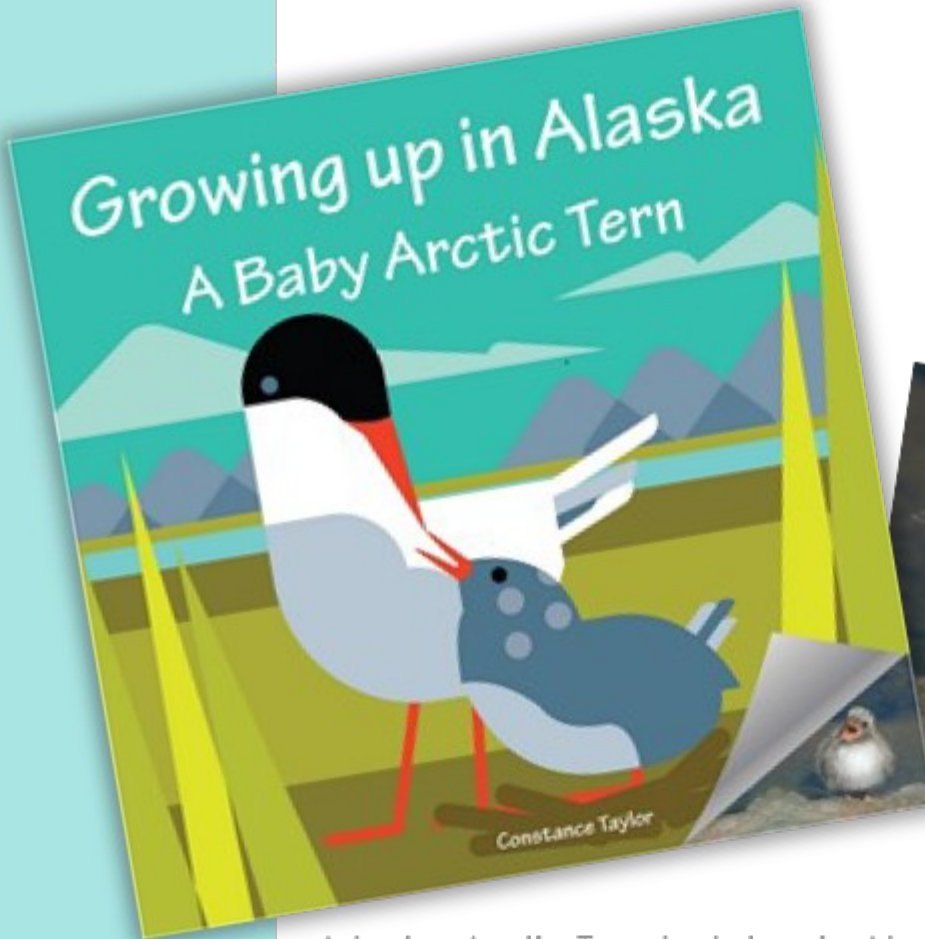
1. Try and Be \_\_\_\_
3. strange or odd, different, curious
5. separate or divide along racial lines
7. taking steps to cause something to happen rather than reacting to it afterward
9. \_\_\_\_ on: to give a lot of love and attention to
10. a person who publicly supports or recommends a cause
13. not friendly or forthcoming; cool and distant
14. a level or rank in society
16. a college that prepares students to be priests, ministers or rabbis
17. refusing to be persuaded or to change one's mind
18. feeling or showing sympathy and concern for others
19. a set of moral principles
20. foreboding, menacing; impression that something bad is going to happen
23. in a manner that is appropriate or suitable in the circumstances
24. power or right to give orders, make decisions, and enforce obedience
25. required
26. a period of economic decline during which trade and industrial activity is reduced



**Try and Be Somebody**  
by Becky Hatcher Crabtree with Merri Jackson Hess  
Biography from Fathom Publishing  
[fathompublishing.com/biography](http://fathompublishing.com/biography)

The life of Dr. Henry Lake Dickason, first president of Bluefield State College and early leader of Black education, is the fast-paced story of a grandson of slaves whose career was devoted to education.  
Solution: [fathompublishing.com/solutions](http://fathompublishing.com/solutions)

**Read the book that inspired these activities  
and learn more about Arctic Terns.**



A photographic story of learning, growing and spreading your wings.



A baby Arctic Tern hatches in Alaska. He has much to learn: how to eat, how to swim, how to bathe. But his greatest wish ... is to FLY!

This is the story of an Alaskan Arctic Tern as he grows up in Alaska's Potter Marsh near Anchorage.

For more information, including videos and teacher's guide:

**[arctictern.fathompublishing.com](http://arctictern.fathompublishing.com)**



Available to  
order from:

- Amazon
- Barnes and Noble

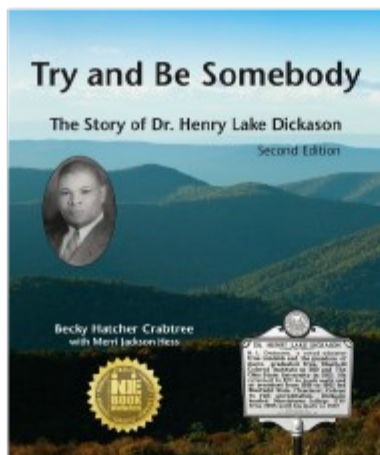


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## BIOGRAPHY

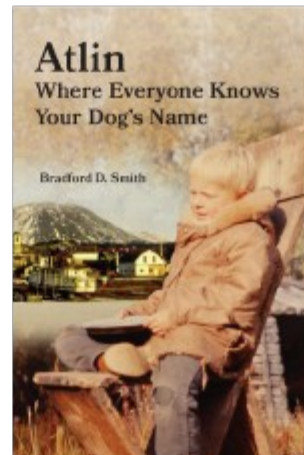


Story of a World War II pilot who became an Alaskan aviation pioneer.

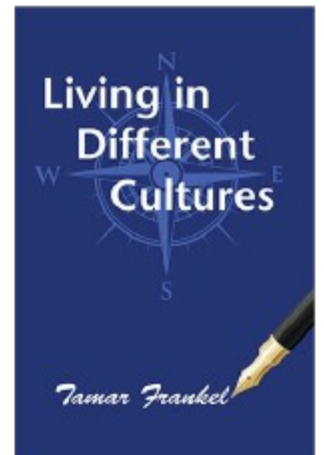


Biography of the first President of Bluefield State College.

## MEMOIR

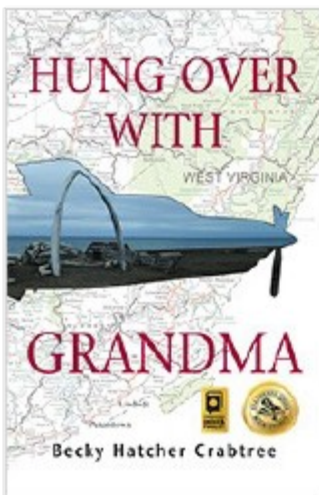


The story of a boy and the town that raised him.



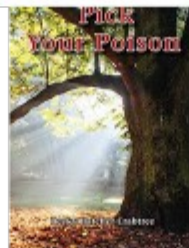
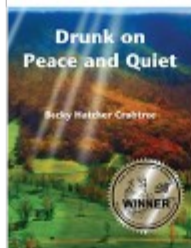
Keen observations by a distinguished legal scholar.

## FICTION

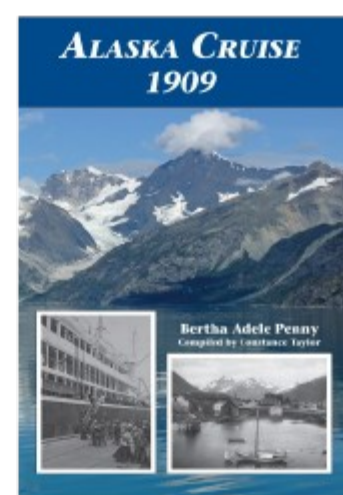


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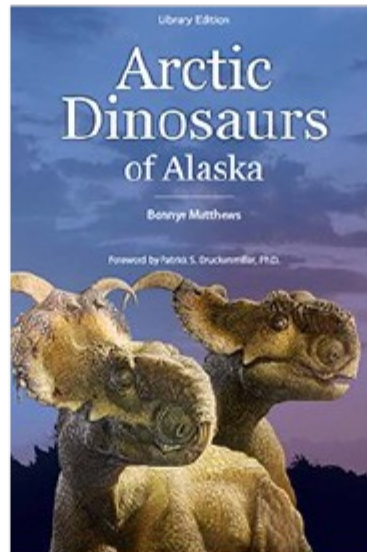
# Books for Kids

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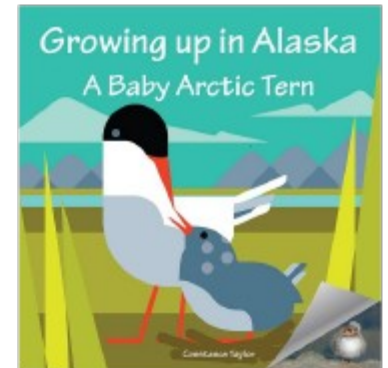


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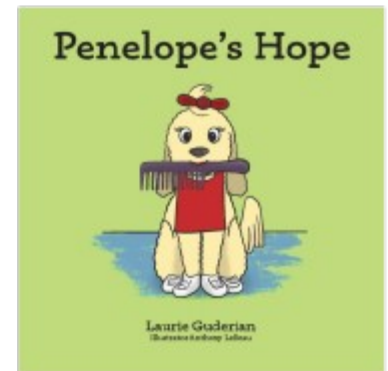
The story of a young Pachyrhinosaurus on the North Slope of Alaska as she experiences her first winter.



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