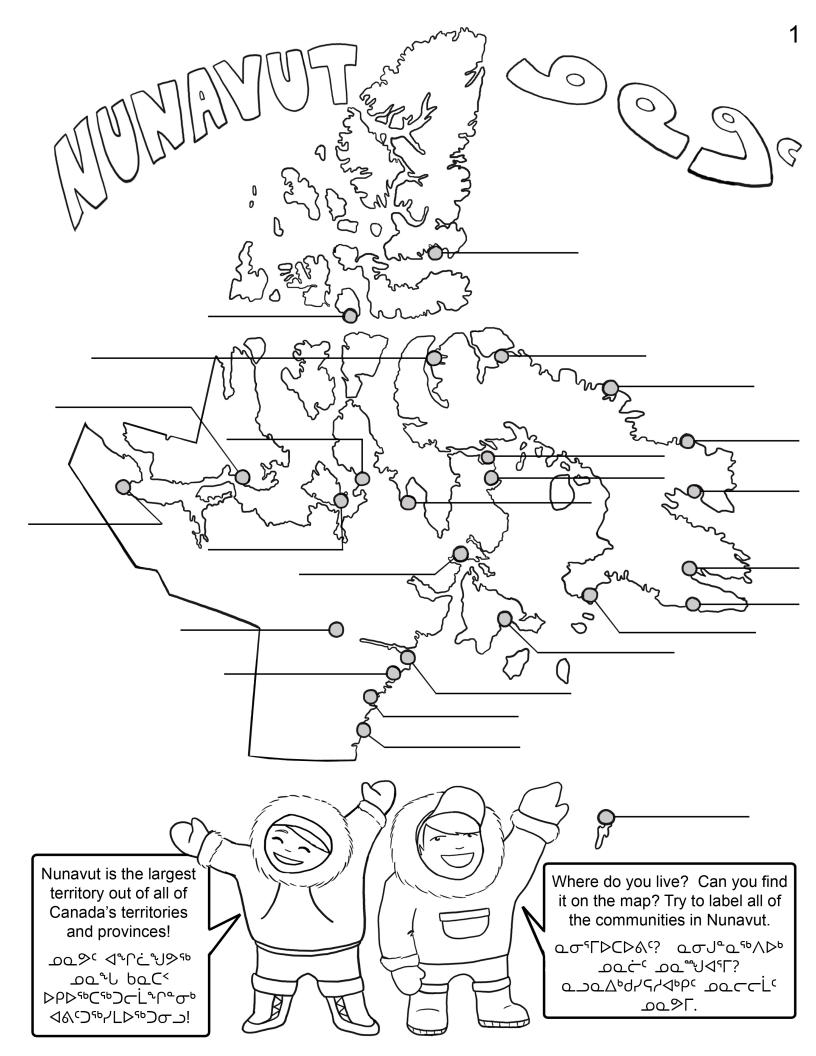
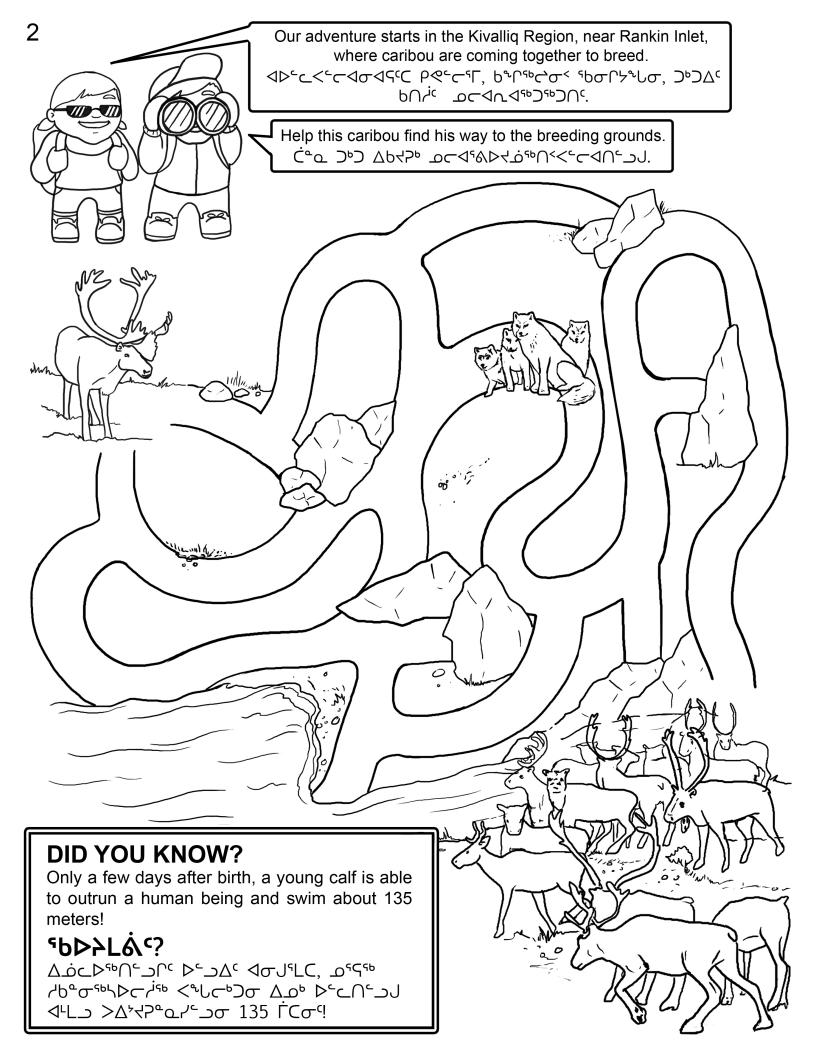


Are you ready? Let's go!

 $P410e^{-4}$ 





The best way to learn to draw is to use your eyes and take your time!



A B C D E

1

2

3

4

Using the grid, copy each square one by one to draw this lemming on your own.

### **DID YOU KNOW?**

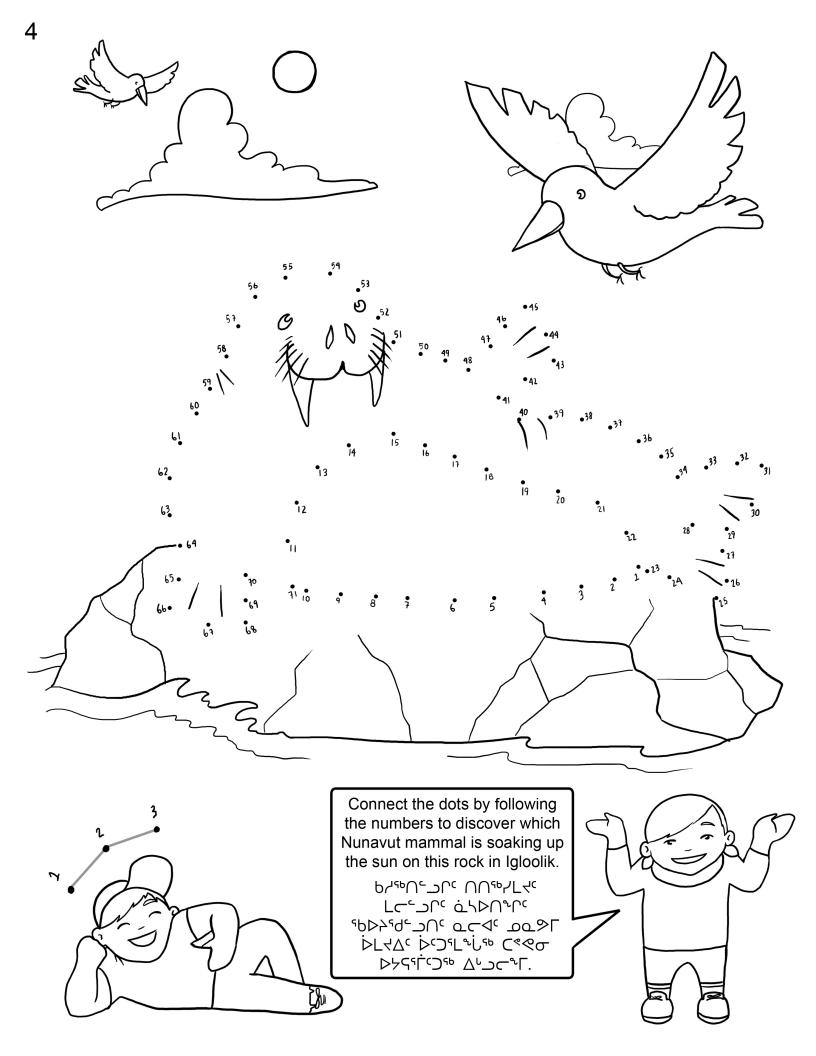
Any opening that is big enough for a lemming's head is big enough for the whole body! Although they have fat little bodies, they can squeeze through amazingly small openings.

Lemming tunnels include different chambers. The ones used for nesting are lined with dry grasses and sometimes feathers and muskox wool. Some chambers are used as toilets.

# 5PYTQ9

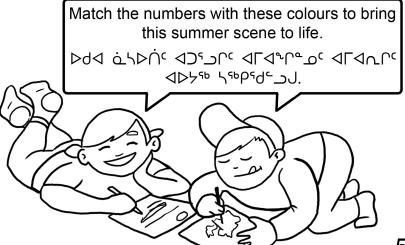
PHODE THE PROPERTY OF THE PRO

|   | A | В | C | D | <u> </u> |
|---|---|---|---|---|----------|
| 1 |   |   |   |   |          |
| 2 |   |   |   |   |          |
| 3 |   |   |   |   |          |
| 4 |   |   |   |   |          |





#### COLOUR LEGEND 1-red 1-⊲⊳<55⊃56 2-light blue 2-JUK56)56 4F456%PG56456 3-5956756756 3-yellow 4-ĎÞÞÞˤÞ 4-green 5-4><ディャンィャ 5-orange 6-64<sup>56</sup> 6-brown 7-black 7-5P5G56C56 $8-\Delta$ $^{46}$ C<sup>46</sup> 8-grey 9-purple $9-\Delta^c \cap_{\sigma\sigma} J \triangleleft_{dP}$ 10-JUK56D56 4F4565656456 10-dark blue 11-beige ار\_>bd<sup>۱</sup>-11-No number-white



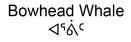
Do you know who eats who? 4057 FYC 0-00 PL40 ۵۵۹ مرخ<sup>ښاړ</sup>نو؟ Take a guess by connecting the predator to their prey with a line!

مد۵۴۵۲۹ שליף שרי הרלבי פריקי ししゃとうしい



**PREDATOR** بەكبەك، 4مركبنوه **PREY** 



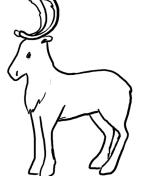




Lemming √6° USB

Polar Bear م-۵۹





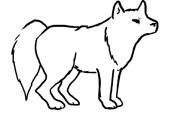
Caribou つゅつ

Seal  $\sigma_c \bigcup_{\ell p}$ 



Arctic Hare Db⊂<sup>sb</sup>

Wolf  $\Delta$ L25b



Ringed Seal  $\sigma_{c}\bigcup_{\ell p}$ 

**Least Weasel** 



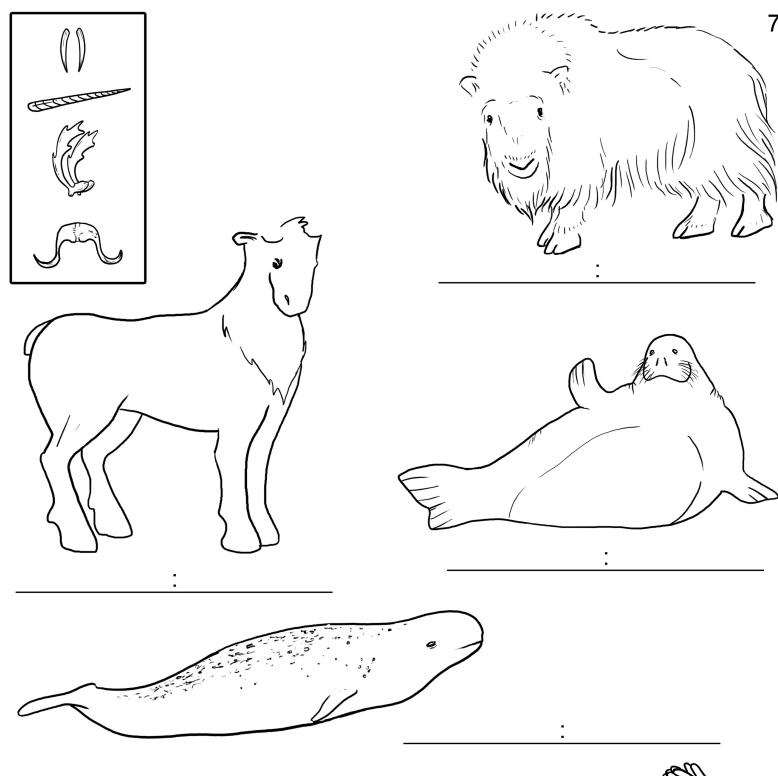
Zooplankton ΔĹσ ΛΡ%ϽϚϲʹ

Wolverine <sup>5</sup>b<86





Arctic Cod . DU5b



# **TRIVIA**

How can you tell a narwhal's age?

# $\Delta V_{eP} q U$



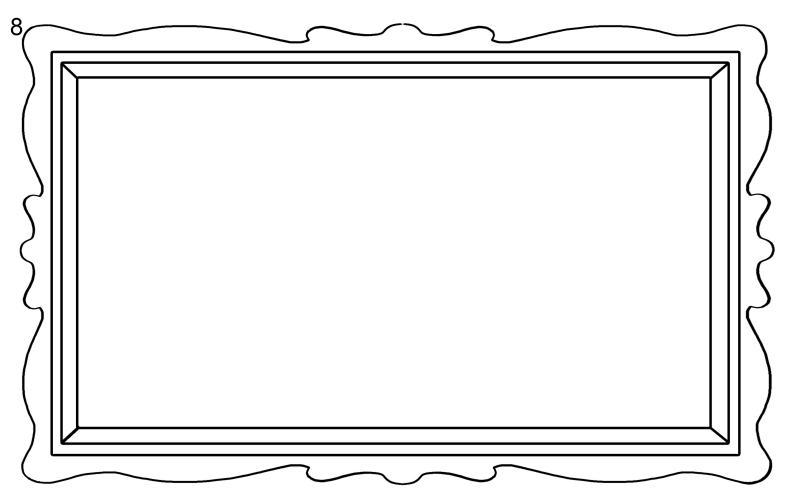
Can you draw the parts these animals are missing?

በበ<sup>1</sup>ጋሁኦን²°ሷ<sup>1</sup>ላቦና ኦLላና Δ<u>ረ</u>dσ<sup>1</sup>/0?

Can you also name all of the animals and their missing parts too?

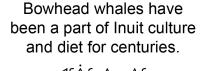
۵۳-۲۵ (Δ۳۵-۵-۵۳) کا ۲-۲ (۵۳) کا ۲-۳ (۵۳)

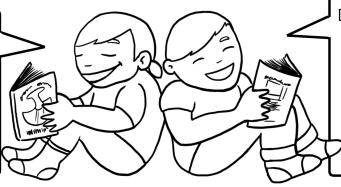




In 2014, some of the best hunters from the community of Clyde River in Nunavut were chosen to hunt a bowhead whale. They felt honoured to be given such an important task. A few days after leaving the community they returned smiling, dragging with them the body of the large whale with their boats. Everyone from the community was waiting for them on the shore and cheered as they brought back the huge marine mammal. All rejoiced and celebrated by feasting on the whale's meat and skin, which would also be shared with other communities.

2014- $^{1}$ ህቦ ነጋ,  $^{1}$  Δ $^$ 





Draw a picture to go with this exciting story about Clyde River's community bowhead whale hunt!



Algae کلاجند

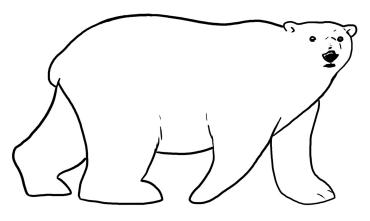




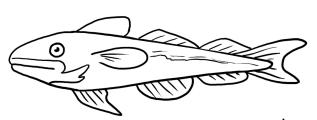
Zooplankton ΔL<sup>1</sup>Γ ΛΡ<sup>1</sup>ος ΓΡ<del>ί</del>Ος



Sun ՀԳԺԿ



Polar Bears o⊥o∆<sup>c</sup>



Arctic Cods らしc



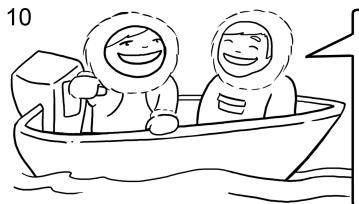
Can you use arrows to put this food chain in the correct order?



### **TRIVIA**

# $\Delta V_{eP} q U$

Under its fur, what colour is a polar bear's skin?
a) pink b) black c) white d) green



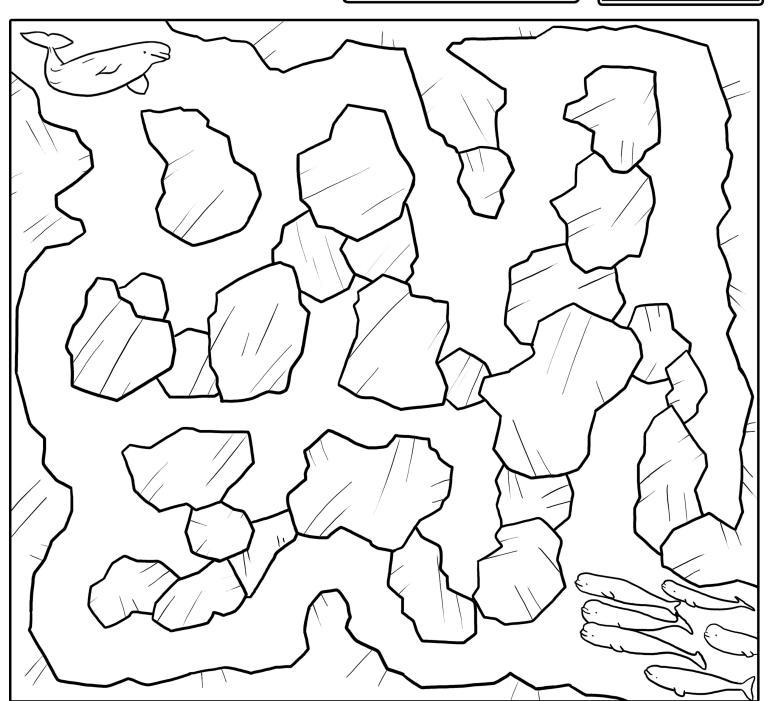
Help this female beluga navigate her way back to the other belugas through the thick Arctic ice sheets of Pangnirtung.

# DID YOU KNOW?

A baby beluga is called a calf.

# **₽ΡΥΓΫ**

۸۵۶۵٬ ۴۹ کی لک<sup>۱</sup> ۲۵۶۶ کن کی کی در



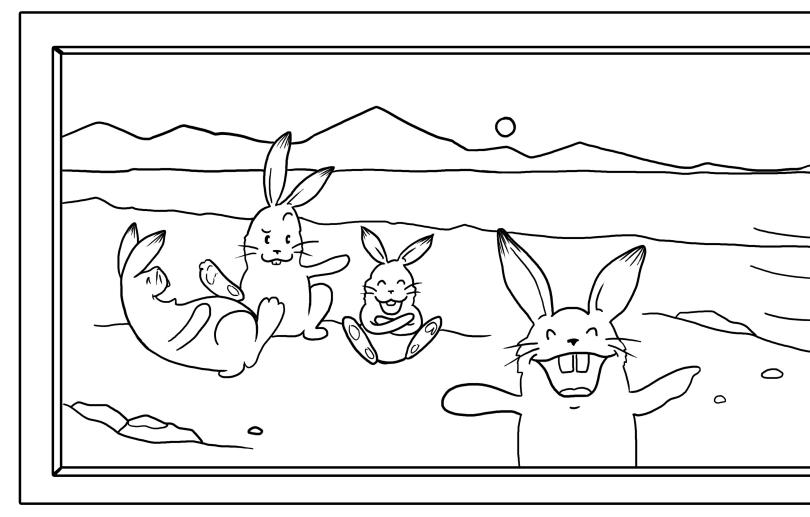
# **TRIVIA**

Why did early arctic explorers and sailors call belugas "sea canaries"?

# 

 $\begin{array}{lll} & \Delta \wedge ^{t_0} d \cap : \ \wedge ^{t_0} \wedge ^{t_0}$ 

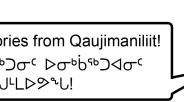




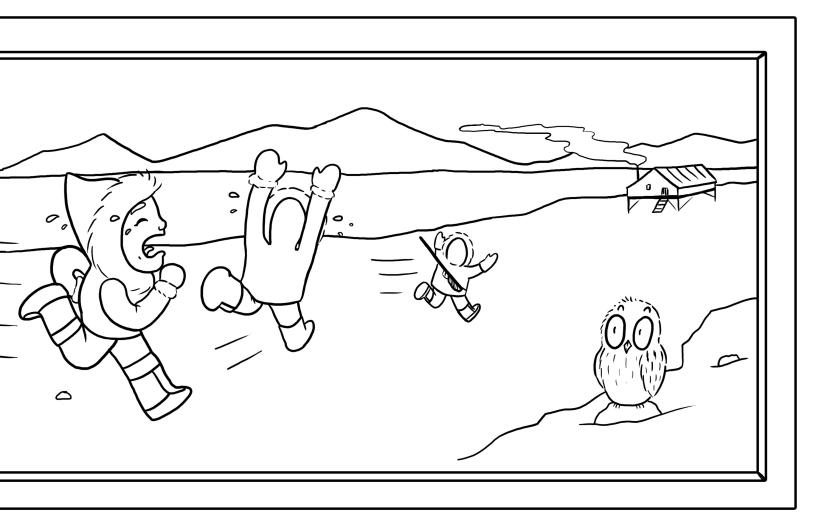
"Late in the , we moved in the direction of our home. As we made our way home, the ground was covered in \_\_\_\_\_ and there were a lot of \_\_\_\_\_. The \_\_ of us started to go out to hunt for \_\_\_\_\_ and my brother shot at one. All at once the rabbit started to make a loud ungaa sound. I was so scared that I started to \_\_\_\_\_ and both of us started to for home. As it turned out, rabbits make \_ sounds!" -- Elise Qulaut, 1990

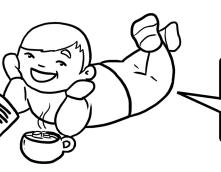
rabbits autumn run rabbits home three loud snow cry

> I love hearing stories from Qaujimaniliit! ᠑᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘ فديالله ١٠٤



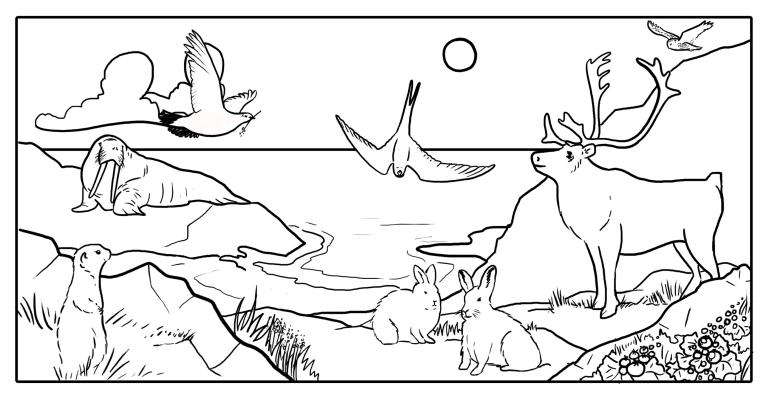


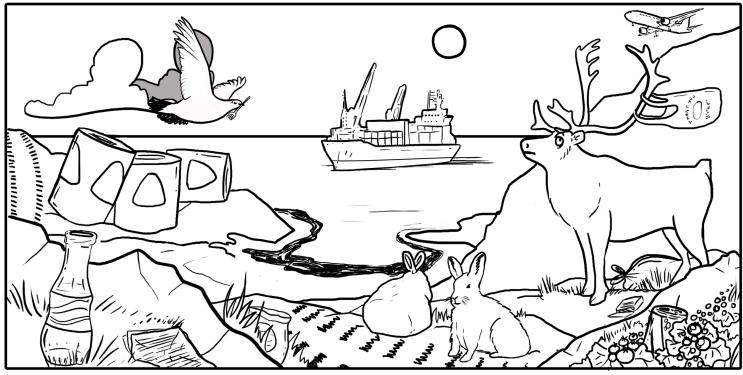




Help us fill in the blanks to hear the story!

Δbマ⁵⁰∩J゚ ႭႶႭ◁Ⴀ゚ ႭႶჼጔႶ゚
▷σ⁰ġჼ⁰⊃◁ჼ⁰ ჼ₀⊳⊱σ◁ናል▷⁰!





Yuck! Look at all this pollution!

Can you spot the 17 differences between the two landscapes?

17-ህረና ላኑとሲዲዮርጋር<sub>6</sub> Γ<sub>1</sub>5-ው Φσ<sub>6</sub>Λις. 17-ስረር ላኑ/

# **TRIVIA**

How many years does it take for a plastic bottle to disintegrate?

A)150

B)250

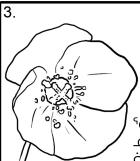
C) 450

# $dV_{ep}qU$

Δ) 150 Λ) 250 ∩) 450



I am white and fluffy. I am:

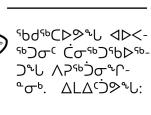


I am yellow and I am on Nunavut's coat of arms. I am:

ᠮᡆᢛᢣᢛ᠋ᠫᢀ᠌ᠳ᠘ᠳ᠘᠆ ᠘᠘᠙᠘᠘᠘᠘ ᠘᠘᠘᠘᠘



I am white with red dots on my petals. I am:





I am yellow and small. I am:

᠙᠙ᡬᢝ᠘ᢝ᠘᠘ᡧᢗᡠᡒᠰᠾ ᠘᠘᠘᠘

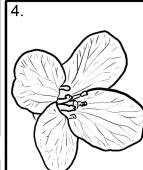
Do you recognize these plants? Let's see how many you can identify!

᠘᠋᠆᠘᠘᠙ᡩ᠙᠙᠘᠘᠙᠘᠘ ᠘᠐᠙ᠳ᠘᠘᠅᠙᠘ᡊ᠘ ᠘ᡊᡊ᠘᠙ᡎ᠘ᡊ᠘᠘ᡊ᠘

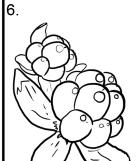


I am blue, delicious and can be used to make medicine. I am:

Ͻ<sup>ϧ</sup>Ϳϟ<sup>ϧ</sup>ϳϧ<sup>ϧ</sup>Ϳ, LL<sup>ϧ</sup>ϳ<sup>,</sup> ͻ<sup>ϧ</sup>Ϳ Ϥ<sup>ͱ</sup>Lͻ ΔͻͿϲϭͺϧϷͿʹ·<u>ͼ</u>ʹϧϽʹ·Ϳ. ΔLΔʹϳ Ϙʹ·Ϳ:



I am white with soft pinkish lines. I am:



I am bright orange and delicious. I am:

ΔΓ∇<sub>Ċ</sub>Ͻ&<sub>°</sub>Γ: ΤΓ<sub>®</sub>Ͻ;¬ϧ.Γ: NAMES TO CHOOSE FROM ዻሰ்ና ፚ2ዺጘልቦታ<sup>ዜ</sup>ጎና

> Cloudberry ⊲<sup>ςь</sup>∧̇́<sup>c</sup>

Arctic Poppy ΔJ<sup>ເ</sup>CΔ<sup>ເ</sup> σናዮ<sub>ት</sub>ቦና

> Crowberry <▷⁵∿し⁵ь

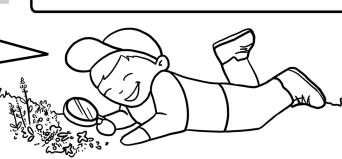
Prickly Saxifrage

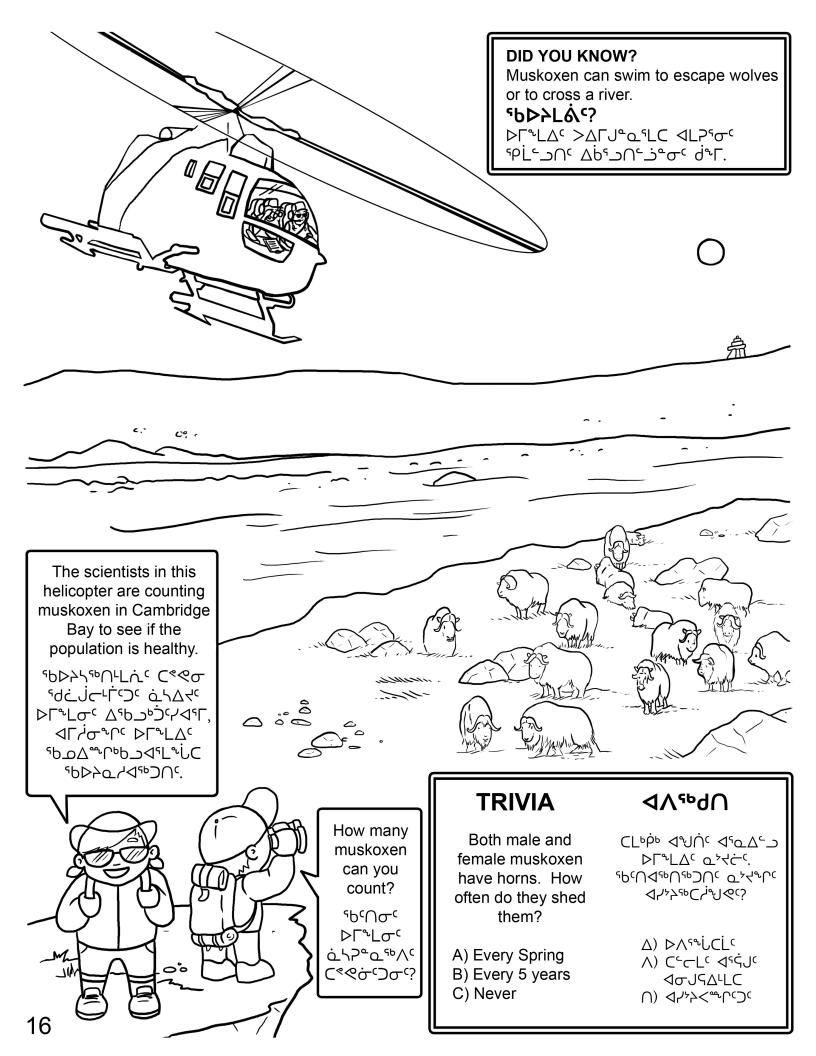
Cotton Grass >ペンプリクラ

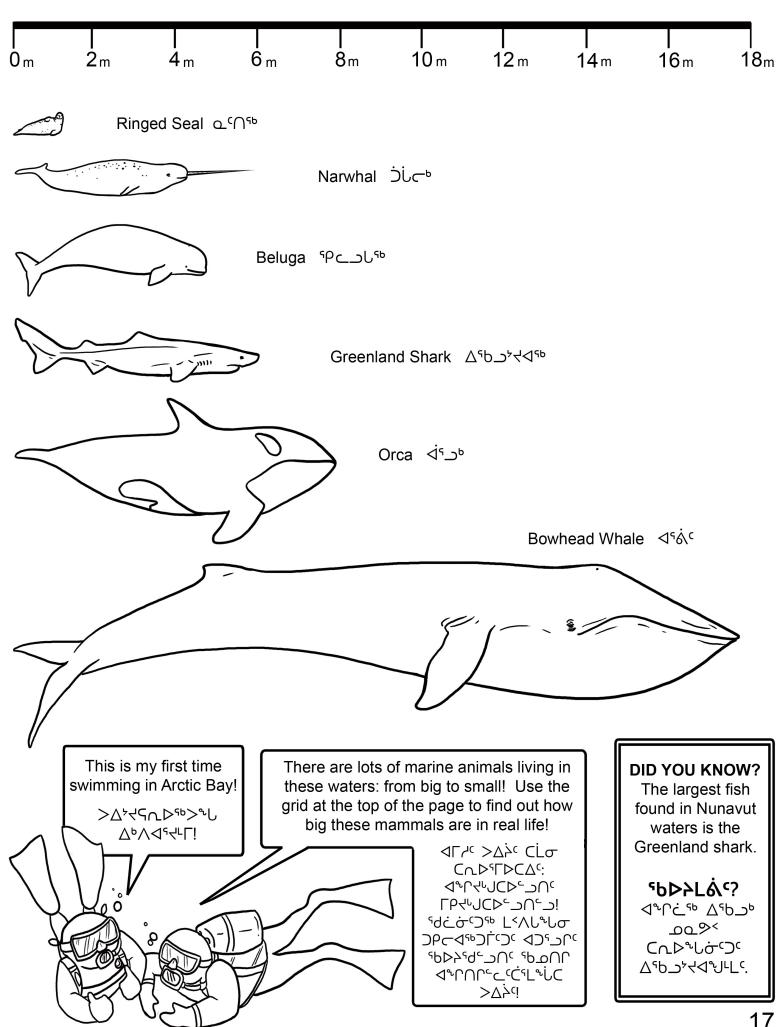
Bitter Cress ン%CDケム<sup>c</sup>

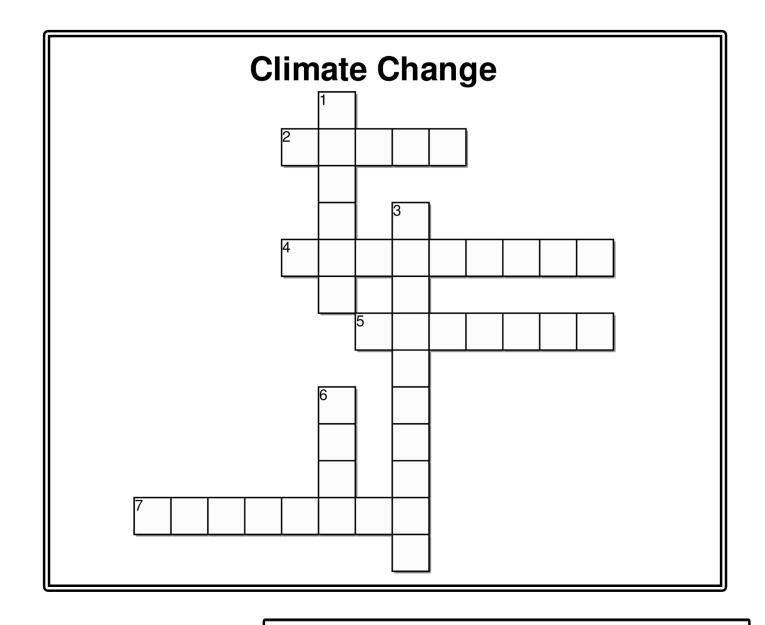
Birdfoot Buttercup ΔJ<sup>1</sup>CΔ<sup>1</sup> σ<sup>1</sup>P<sup>1</sup>C<sup>1</sup>C<sup>1</sup> Δο ΓΔ<sup>1</sup>

I love hiking through Ukkusiksalik National Park! I can see so many beautiful and useful plants.









How much do you know about climate change? Try to fill in the blanks to see how much you know!

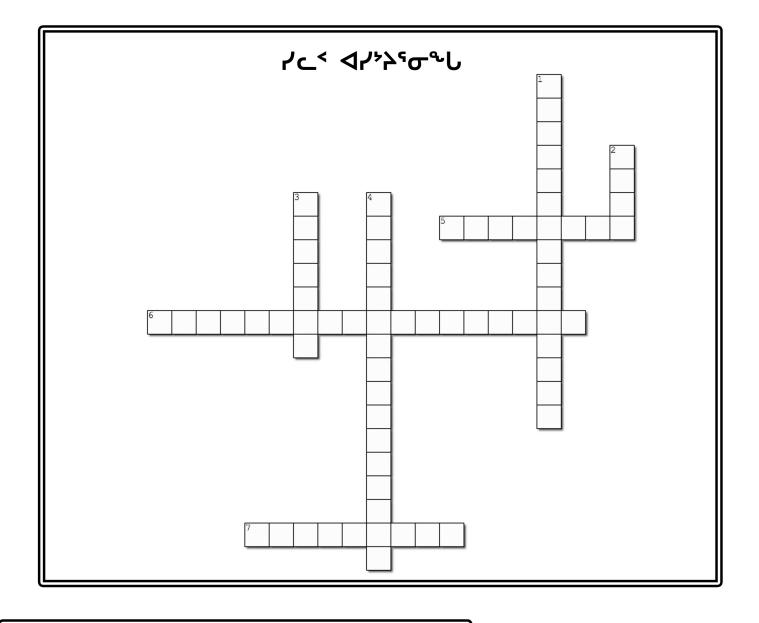


#### **CROSSWORD CLUES**

- fuel: a type of fuel derived from geologic deposits of organic materials, including crude oil, coal, and natural gas
- 2. \_\_\_\_ energy comes from the sun
- 3. The climate is becoming warmer because of \_\_\_\_\_\_ gases, such as carbon dioxide and methane
- 4. As oceans become warmer, marine species will change their \_\_\_\_ routes
- 5. To protect our environment, we should reduce, reuse and
- To reduce greenhouse gases, you can ride a \_\_\_\_ instead of driving in a vehicle
- 7. Sea levels are rising because of melting \_\_\_\_\_

WORDBANK

solar recycle fossil bike glaciers greenhouse migration



### CΔϳϟϲ ʹͰΡͽϘϲϽͱΓϧΓΟ ΨΡΫϢϧͺͿϲ

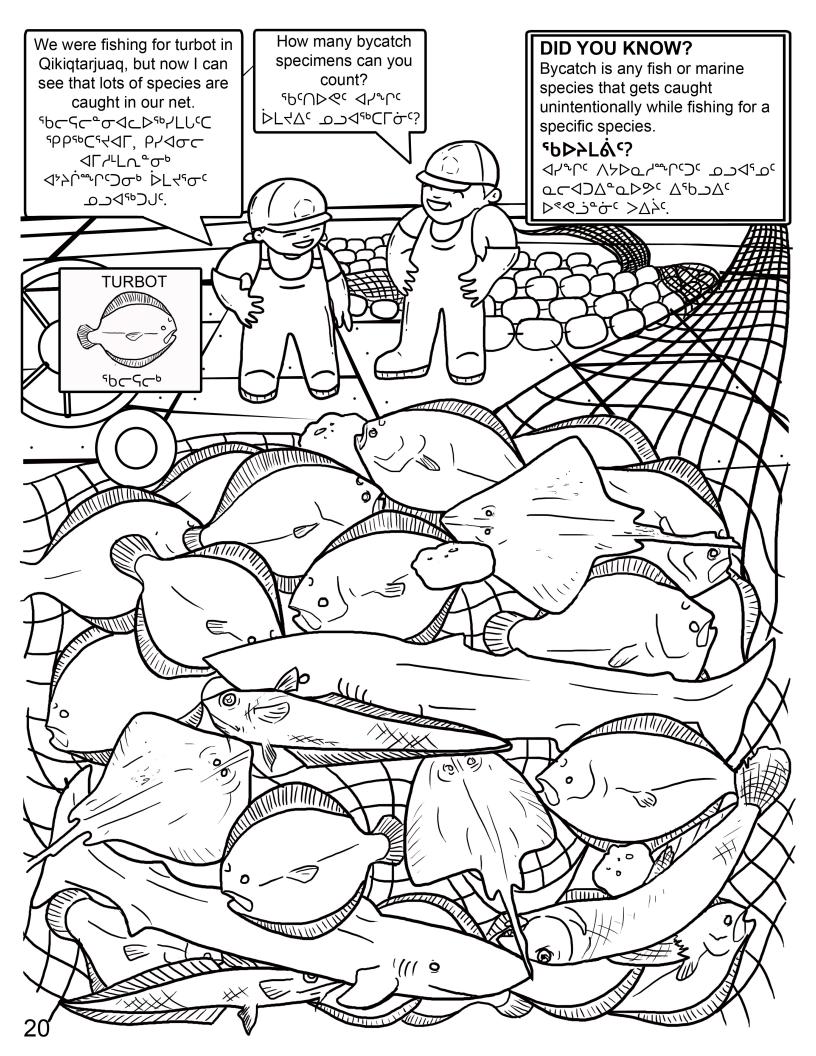
- 1. 5**4**-L\_> =

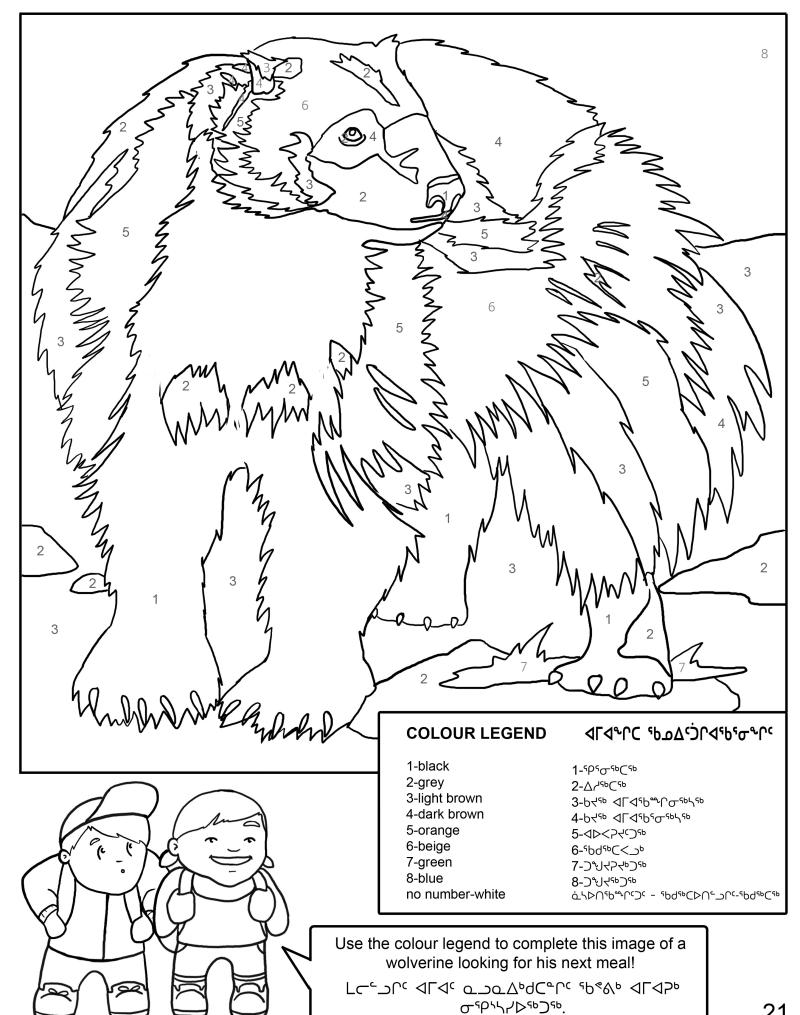
- 4. \_\_\_\_\_ <>> <</r>
- ۵۰۲۵۵۰, ۵۲۲۵ نا عمانشناه
- 6. YC P%dY&CC4LC N74NP-JJ \_\_\_\_\_, X15 >75 44LJ >C 7CD< D2091A6-C124U2U
- 7. ΔL<sup>56</sup> Ρα<sup>56</sup>/ペ<sup>c</sup> σΛ<sup>5</sup> Δλ<sup>56</sup> Δλ<sup>56</sup> Δλ<sup>56</sup> Δλ<sup>56</sup> Δλ<sup>56</sup> Δλ<sup>66</sup> Δλ<sup>66</sup>

 $\triangleright^{\varsigma_b}$  $P^{4}C^{1}$  $Q^{C} G^{S} D D Q^{S} C D C D C D C$ ᡠ<<└᠆ᡏ᠌᠕ᢥ᠘ᡕ  $P_{\ell}q_{\ell} \sim q_{\ell} \sim$ 7.6047c PrF2pqUCQ2p ۲٩Ļc

יסטר יס⊳+רפי אר< 477 $^{\circ}\Lambda^{\circ}J^{\downarrow}L^{\downarrow}L^{\circ}J^{\circ}\Lambda^{\circ}$ 1967P-049d







Wow! Look at this caribou migration happening near Arviat! Can you count how many caribou are in this herd?

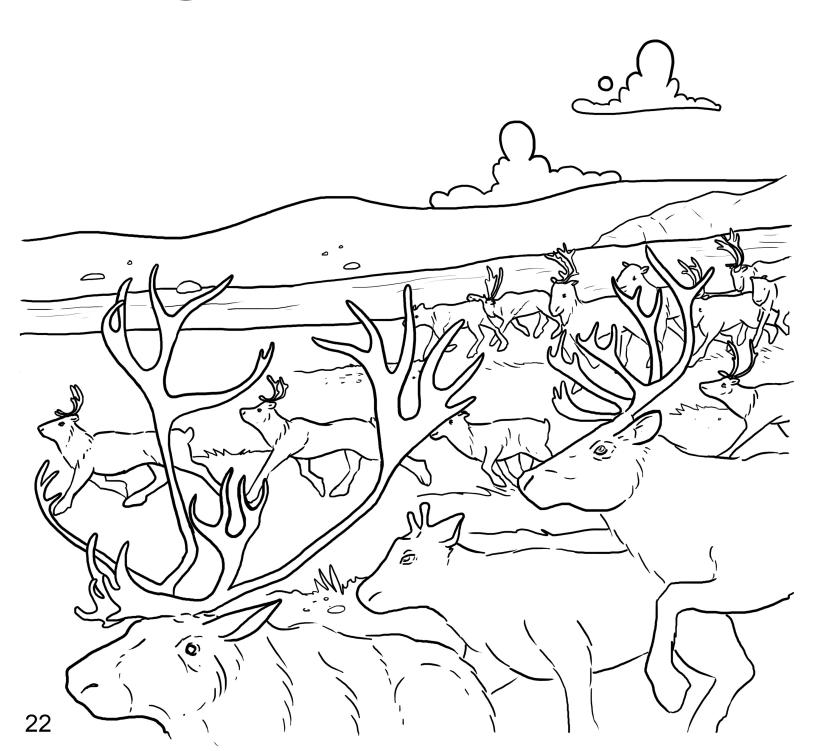
Ġdשº! Pbd J°DΔ° CdლP° ώ<<'c4N°שר' סימס' יbσר'>°bσ! ف٦٦°•Δ°\* C°«σ'-L°iC?

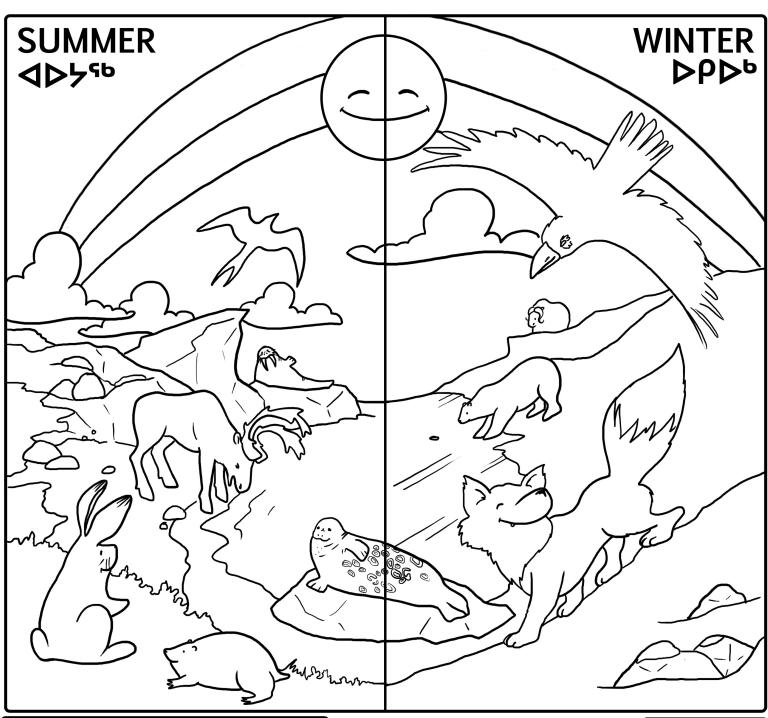


### **DID YOU KNOW?**

Many terrestrial animals rely on vegetation for food: plants, roots, tundra grasses, lichens and seeds make up the diet of many mammals including muskoxen, caribou, lemmings and ground squirrels.

# **%**2/440





# **DID YOU KNOW?**

The traditional Inuit calendar has many different seasons. They are named after the activities that take place with the changing weather. The names vary from one place to another due to the different local climates.

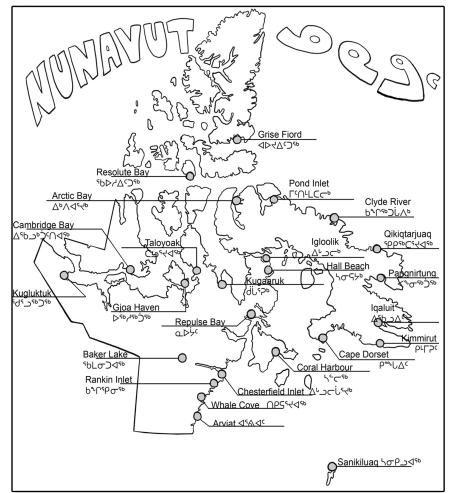
# 50714dq

 $\Delta_{\Delta}$   $\Delta_{c}$   $\Delta_{$ 

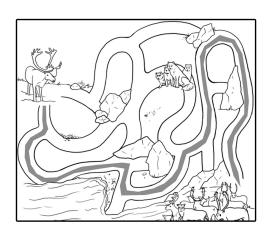


Use colour to show how the tundra changes from summer to winter.

PAGE 1



PAGE 2



#### PAGE 6

Bowhead whale - Zooplankton Polar Bear - Ringed Seal Seal - Arctic cod Wolf - Caribou Wolverine - Arctic hare Least weasel - Lemming

۷۶۵۲ ΔĹσ ΛΡ۵Οςږ۵ ი\_<sub>6</sub> - ი<sub>6</sub>ს a<sup>c</sup>∩56 - ĎU56

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56°66 - Db⊂56

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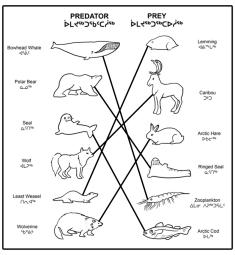
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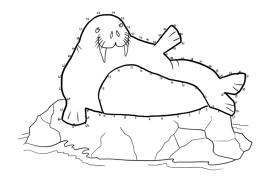
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PAGE 4

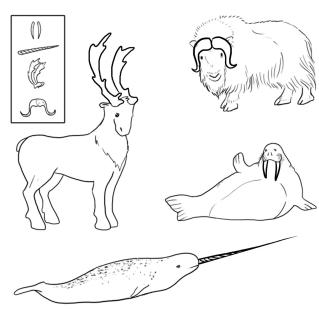


PAGE 7

MATCHING GAME: Narwhal: tusk // Caribou : antlers // Muskox: horns // Walrus: tusks

TRIVIA: A) By counting the rings in a cross-section cut of its

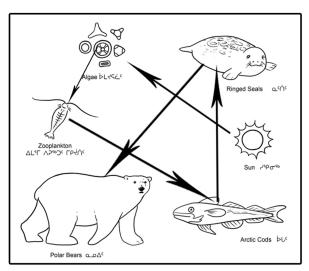
**ለታሲና\_J በበጭጋሁኦም/Lላጭ**: ጋじඌ (ላ**ኖ**ლህላඌ) ጋじჀ  $\label{eq:lambda} $$ \Lambda_{c,b} // \rho_c // \rho_c$ ۵۶۹ مارول مردول شرادی // م 



PAGE 9

FOOD CHAIN: sun --> algae --> zooplankton --> Arctic cod --> ringed seal --> polar bear

**ΡΓ4Ζ. Δυ.ρ. Ευ. Δ.ρ. Ευ.ρ. Ευ.** 



# ANSWERS PD>dic

#### PAGE 9 (continued)

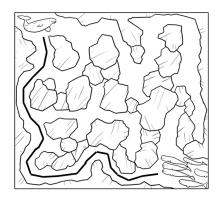
TRIVIA: B) Polar bears have black skin! Like seals, polar bears have a special layer of skin that allows them to swim without getting puckered skin from spending so much time in the water.

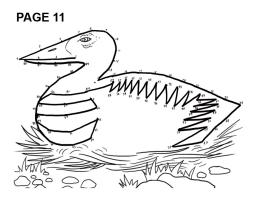
ΔΛΑ°σ4<sup>™</sup>Γ'L' ΝΑσ<sup>™</sup>υ Δἰσάς Δας Νας.

#### PAGE 10

TRIVIA: Because their vocalizations (clicks and whistles) were so loud they could be heard above the surface of the ocean.

**የኦሃረበ**:  $\sigma^c \subset Q^i$ ህ $\sigma^v \cap^o \Delta^c (Q^v \cap Q^v)$   $\sigma \wedge v^b \cup Q^v \cap Q^v \cap$  $25^{\circ}$   $25^{\circ}$  2



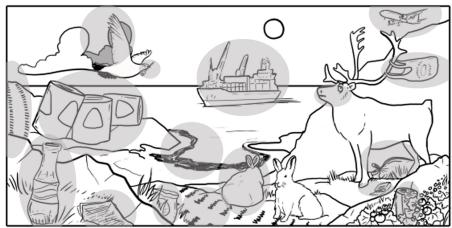


#### **PAGE 12/13**

Late in the autumn, we moved to the direction of our home. As we made our way home, the ground was covered in **snow** and there were a lot of **rabbits**. The **three** of us started to go out to hunt for rabbits and my brother shot at one. All at once the rabbit started to make a loud ungaa sound. I was so scared that I started to cry and both of us started to run for home. As it turned out, rabbits make loud sounds!

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#### PAGE 14



**TRIVIA:** C) 450 years. **P▷Կ೧**: ∩) 450 ◁ˤĠJˤ

#### **PAGE 15**

- 1. "I am white and fluffy. I am Cotton Grass." ᢟᡉᡌᡥᢗ᠌᠌ᠺᢀᢞᡫ᠂ᠮᠬᡠᢆᠻᢐ᠌᠌ᢙ᠘ᢞᢗᡥᢣᡩ᠘ᢣᢗᠫᢀᢞᡫ᠂ᡔᢦ᠘ᢡᡫᡏᡑᢪ
- 2. "I am blue, delicious and can be used to make medicine. I am Crowberry." ᡃ᠋ᠫᡃᡧ᠍ᠵᡃᢐ᠋ᠫᡐᡅ, ᠘᠘ᡩᡠᡃ᠋ᠫᡮ᠘᠂᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘᠘
- 3. "I am yellow and I am on Nunavut's coat of arms. I am Arctic Poppy." ᠂ᠻᡆᠻᢦ᠘ᢤ᠋ᠫᢀ᠊ᢥ᠋᠘ᡰ᠘᠋ᢧᡆᢀᡕ᠂ᡆ᠋ᠴᡆ᠘᠈ᡰᡆᢗ᠊ᢥᠾᡩᢉᠫᢥᠾ᠂᠒᠘᠘ᡤᠫᢀᢤᢆᠾ᠂᠒ᡁᢗ᠘ᠺ σ<sup>ᡪ</sup>ρ%Γ<sup>ι</sup>."

- 4. "I am white with soft pinkish lines. I am Bitter Cress."  $\Delta L \Delta \stackrel{.}{\bigcirc} P^*U \supset C P + \Delta \stackrel{.}{\bigcirc} C$
- 5. "I am white with red dots on my petals. I am Prickly saxifrage."
  - ᠕᠌ᢓᠬᡈᢆᢖᢎ᠘᠘᠘ᠺᡗᠫᢀᢞᡫ᠘ᡖᠲ᠘ᠮ᠘ᡩᢙᢥᠺᢆ
- 6."I am bright orange and delicious. I am Cloudberry." ᠉ᢥᡥ᠘ᢞᢗᡓᢆᡧᠫᡐᡀ᠘ᢆ᠘ᢡᠫᠫ᠕ᠾ᠘᠘᠘ᢕᢓᢀᢛ᠘᠘ᠺ
- 7. "I am yellow and small. I am Birdfoot Buttercup." ᠃᠙᠘᠙ᢗ᠘᠘ᡧᢗ᠘ᠰ᠘ᢤ᠘ᢢ᠘᠘ᢤᢗ᠘ᡷ

#### **PAGE 16**

#### ANSWER:16

**የ**ኦነረበ: 16

TRIVIA: Answer: C) Muskoxen never shed their horns. This allows their horns to grow larger each year.  $\mathsf{PP}^{\mathsf{y}}\mathsf{d}\cap \mathsf{D}\cap \mathsf{D}$  $\Delta^{1}$ 

#### **PAGE 18/19**

#### **CLIMATE CHANGE TRIVIA**

- 1. FOSSIL fuel: a type of fuel derived from geologic deposits of organic materials, including crude oil, coal, and natural gas.
- 2. **SOLAR** energy comes from the sun.
- 3. The climate is becoming warmer because of GREENHOUSE gases, such as carbon dioxide and
- 4. As oceans become warmer, marine species will change their MIGRATION routes.
- 5. To protect our environment, we should reduce, reuse and RECYCLE.
- 6. To reduce greenhouse gases, you can ride a BIKE instead of driving a vehicle.
- 7. Sea levels are rising because of melting GLACIERS.

#### 

1. 4>>>> deno.

 $\Delta D = A^{\dagger b} C \Delta C L^{\dagger b} A^{\dagger b}$ 

◁▷▫ϽˤЫˤ♂∿∪ഛ° ḃ୮∿Ს **ሬኘ广°** 

 >だっちっくがC△⊂L∩いつって、
 すったいといる 2043/05%/%/05/05 = **264**/%/%/05/05

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۸۶۵٬۹ ÞLՎ۲σ٬σ٬, ۲٬۶۵ ۵٬۴۵۵٬ ۵۶۲٬ ۵۰۲۵ ŀľ∽j∞joo\_vJ

6. YC P@dJ&CQLL( V>4UC)

**▷⁰⁰₫┦ぺ°⊂Ѻ∀°** , ċ¹⊃ >⊀¹⊃ ◁┖⊃ >-C \CD< P@q\&-CQ>4U^U

ΔL<sup>6</sup> >Φ<sup>6</sup>/«' ΔL<sup>6</sup> >Φ<sup>6</sup>/«' ΔL<sup>6</sup> >Φ<sup>6</sup>/«' ΔL<sup>6</sup> Φλ<sup>6</sup>/»

#### **ዾ፞<<՟Ⴀላልኈቦ**ና ላጋረ<sup>ነ</sup>ኈቦኈσ<sub>ჼ</sub>

#### PAGE 20

ANSWER: 5 bycatch species: Greenland Shark, Wolffish, Thorny Skate, Roughhead Grenadier & Sponge.

**PD'>1**: 5 22450CD/ic DL7c A>Da7mCDd-50)  $\Delta^{c}$ :  $\Delta^{c}$ 

#### PAGE 22

ANSWER: 14 Pኦኣ೧: 14



# Nunavut Wildlife Management Board

P.O. Box 1379
Iqaluit, Nunavut
X0A 0H0
Ph. 867-975-7300

Fax: 1-888-421-9832

www.nwmb.com

Development, Illustration & Design: Pascale Arpin

∩∩<sup>ና</sup><sup>6</sup>ጋሁ<sup>ና</sup><sup>6</sup>ጋና<sup>6</sup>, ∩∩ፍ<sup>ና</sup><sup>6</sup>ጋና<sup>6</sup> ላ<sup>6</sup>ት<sup>∞</sup>ህላ<sup>6</sup>ቦ<sup>6</sup>σ<sup>6</sup> ላ<sub>0</sub>≺<sup>ና</sup><sup>6</sup>: