

small, speckled Egg

This story starts with a small, fragile egg.
Inside a life is forming.

What emerges is one of the most impressive
birds on the planet – an Arctic tern.

Read about her life and follow her
record-breaking journey from the
top of the world to the bottom.

This story ends with a fold-out map.
Are you ready to think big?

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START SMALL,
THINK BIG

Unfold a world of discovery
with this series that takes
readers from the small and
familiar to new areas of
knowledge where you
really have to think big.



www.mamamakesbooks.com

SALES SAMPLE
FEB 2023

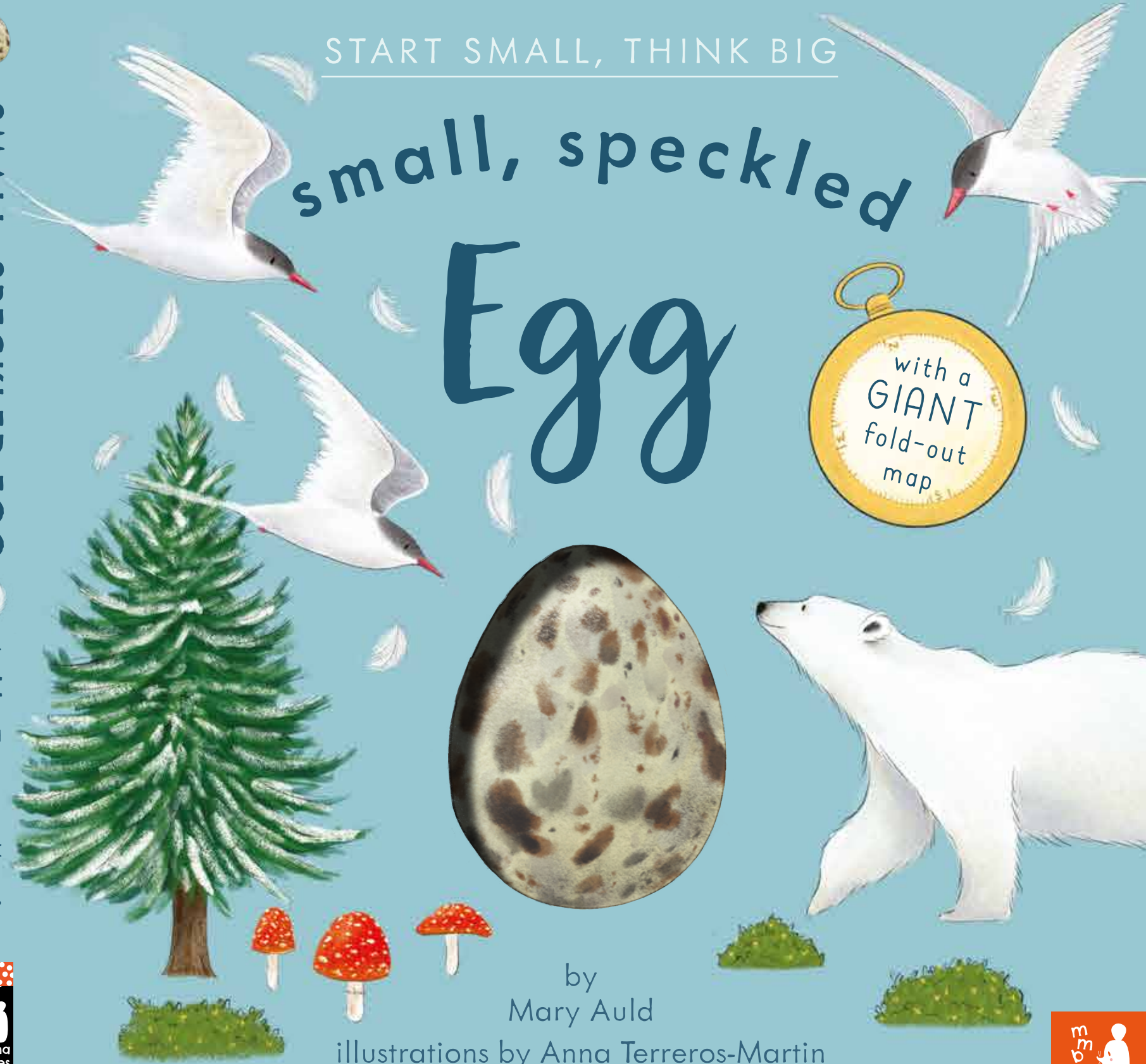
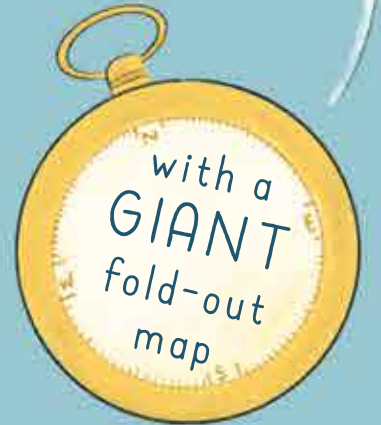
SMALL, SPECKLED EGG

Auld • Terreros-Martin



START SMALL, THINK BIG

small, speckled Egg



by
Mary Auld

illustrations by Anna Terreros-Martin



Here is a small, speckled egg.
Here is the bird who laid the egg.
She is an Arctic tern.
She is my mother.



*Her speckled egg is hard
to spot in its grass-lined nest.*



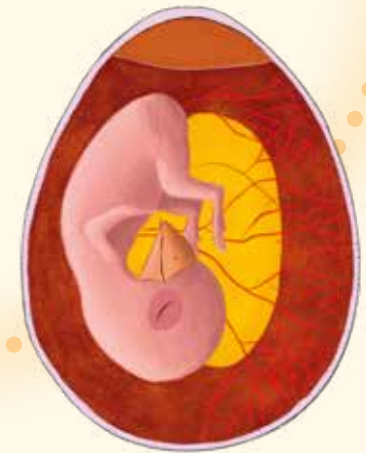
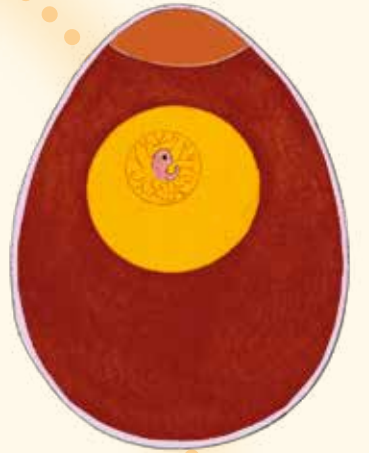
She sits on my egg
to keep it warm on
the stony ground.



Inside the egg, I am growing.



*If the egg were
see-through, you
would see the start
of new life. This is an
embryo that will grow
into a baby bird.*



**Here I am, a small, fluffy, downy chick hatched from my egg.
I am ready to be fed.**

*The chick has pecked and
wiggled her way out of
her shell.*

*For three days she is too
small to leave the nest.
The parents feed her
straight away.*

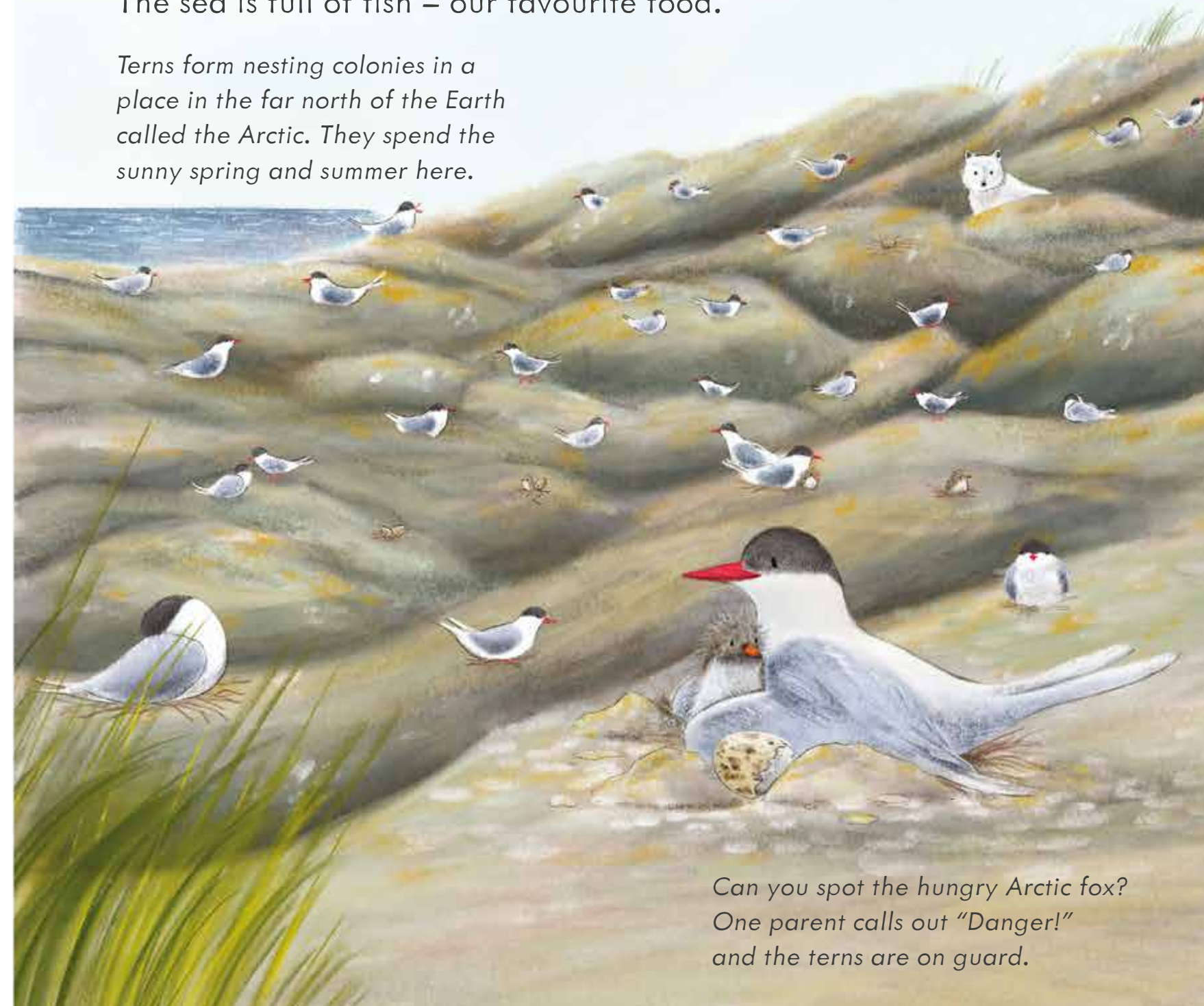
*The parents find each other by their calls.
They say "Here I am!" in the middle of all
the other nesting birds.*



Here is our colony of terns.

**We all nest together by the cold, Arctic Sea.
The sea is full of fish – our favourite food.**

*Terns form nesting colonies in a
place in the far north of the Earth
called the Arctic. They spend the
sunny spring and summer here.*



*Can you spot the hungry Arctic fox?
One parent calls out "Danger!"
and the terns are on guard.*

Look out for dive bombers, fox!

Living in a colony helps protect the chicks from danger. The adult terns work together to scare off predators.

The parents dive down at high speed, striking the predator. A tern's beak is sharp! The predator usually runs away.



Even in the cold Arctic, there are predators who prey on eggs and chicks. Predators include polar bears and seagulls, as well as Arctic foxes.



Here I am, a growing chick.
I'm always hungry and cry for food.
Can you see my feathers peeking
through my fluffy down?

**Both my parents feed me. The food gives
me the energy I need to live and grow.**

*Terns skim the water with their beaks
or make shallow dives to catch small
fish and shellfish.*



*In the Arctic, the days become
very long in the summer.
In June, the sun does not set at all.
This gives the terns plenty of time
to find food.*

START SMALL...

This is the life cycle that begins with a small, speckled egg and leads to a beautiful, adult tern. An Arctic tern can live for 30 years.



Terns do not just use their eyes to find their way. They feel the Earth's magnetism, an invisible force field that surrounds the Earth. It is strongest at the Arctic and the Antarctic.

THINK BIG!

MORE DAYLIGHT HOURS

Migrating from Pole to Pole, Arctic terns follow the long daylight hours of summer at either end of the Earth. This gives them more daylight hours than any other animal on our planet.

THE LONGEST MIGRATION

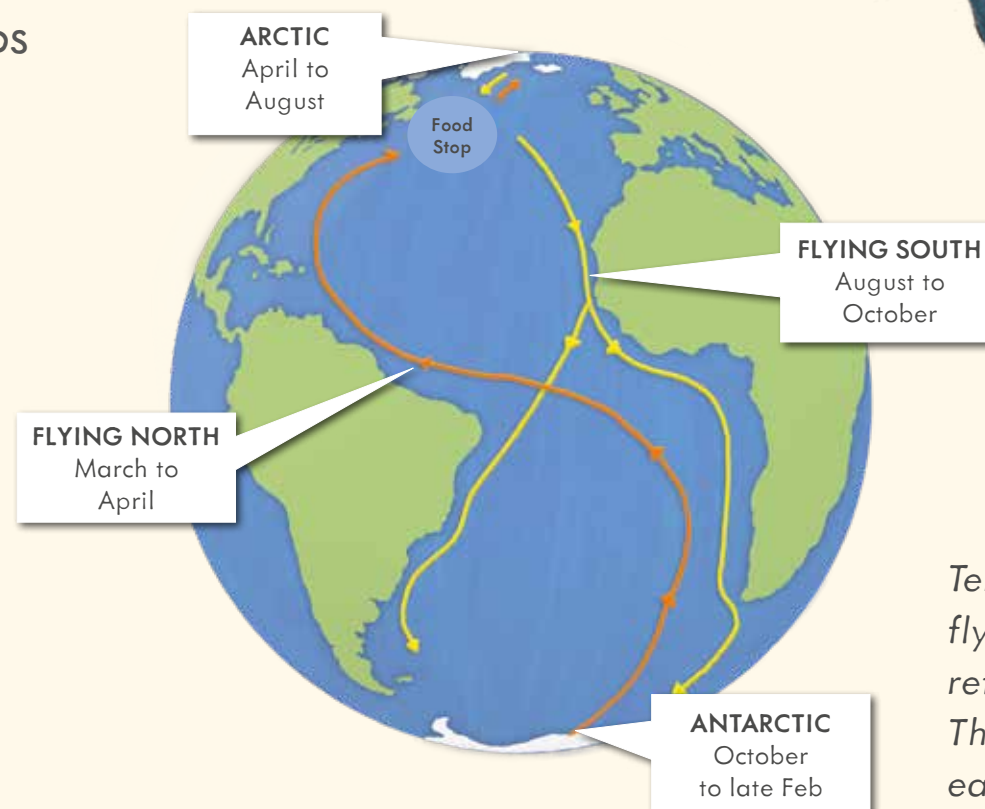
Every year, a tern will fly over 70,900 km between the Arctic and Antarctic. It's the longest migration of any animal on the Earth.

AMAZING NAVIGATION SKILLS

Terns return to the same place in the Arctic each year to nest in the same colony. To do this, they follow coastlines and use the pull of the invisible magnetic force field around the Earth.

TO THE MOON AND BACK

In their lifetimes, Arctic terns may fly over 2.4 million km. That's the same as flying from the Earth to the Moon and back again over three times.



Terns take over 90 days to fly south to the Antarctic but return north in about 40 days. They leave in late February or early March.

POLAR I-SPY

Find these polar animals somewhere in the book. Do they live in the Arctic or the Antarctic, or both?



polar bear



leopard seal



Arctic tern



Adélie penguin



fin whale



Arctic fox



chinstrap penguin



orca



Weddell seals



Arctic tern chick



emperor penguin



humpback whale