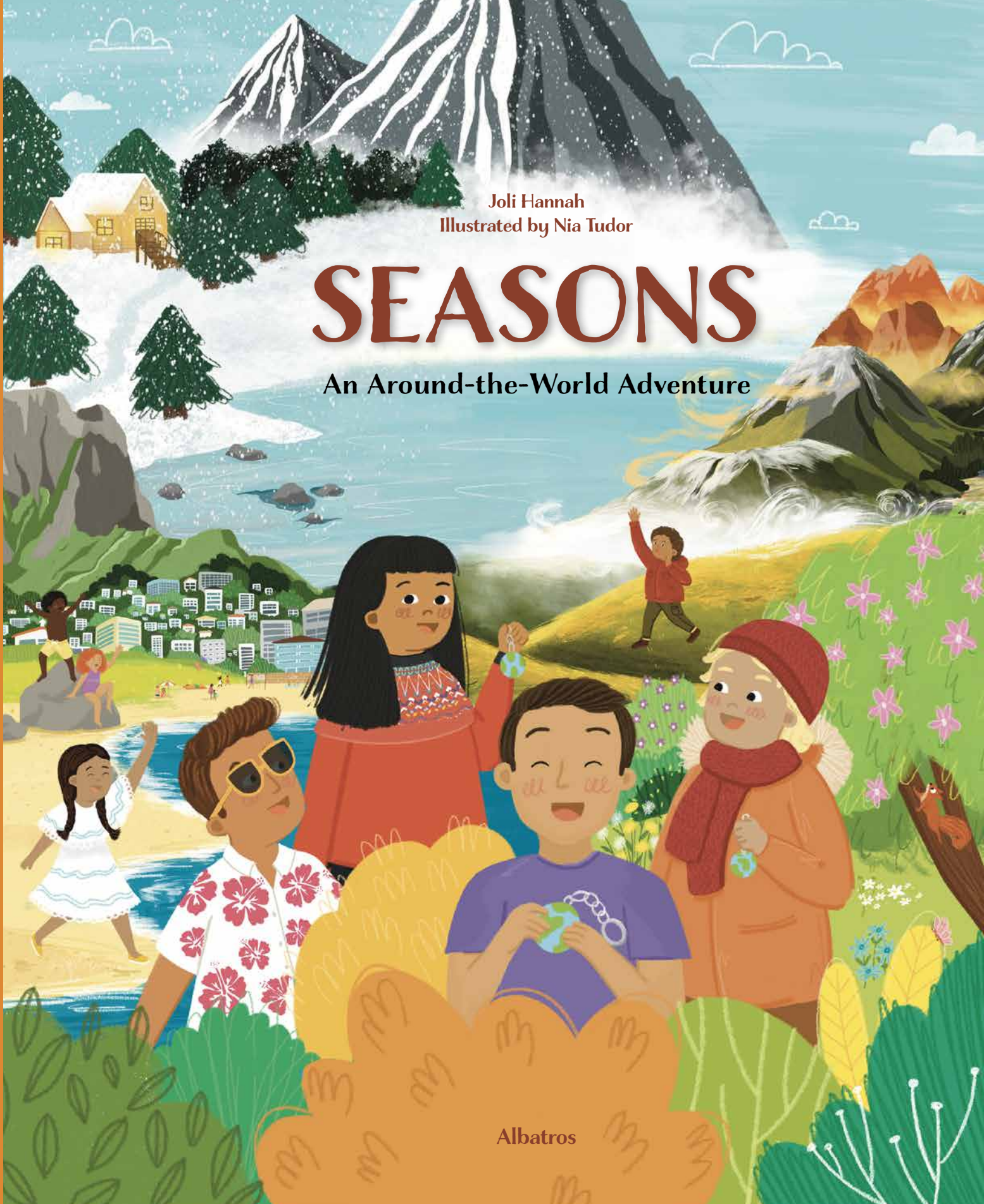


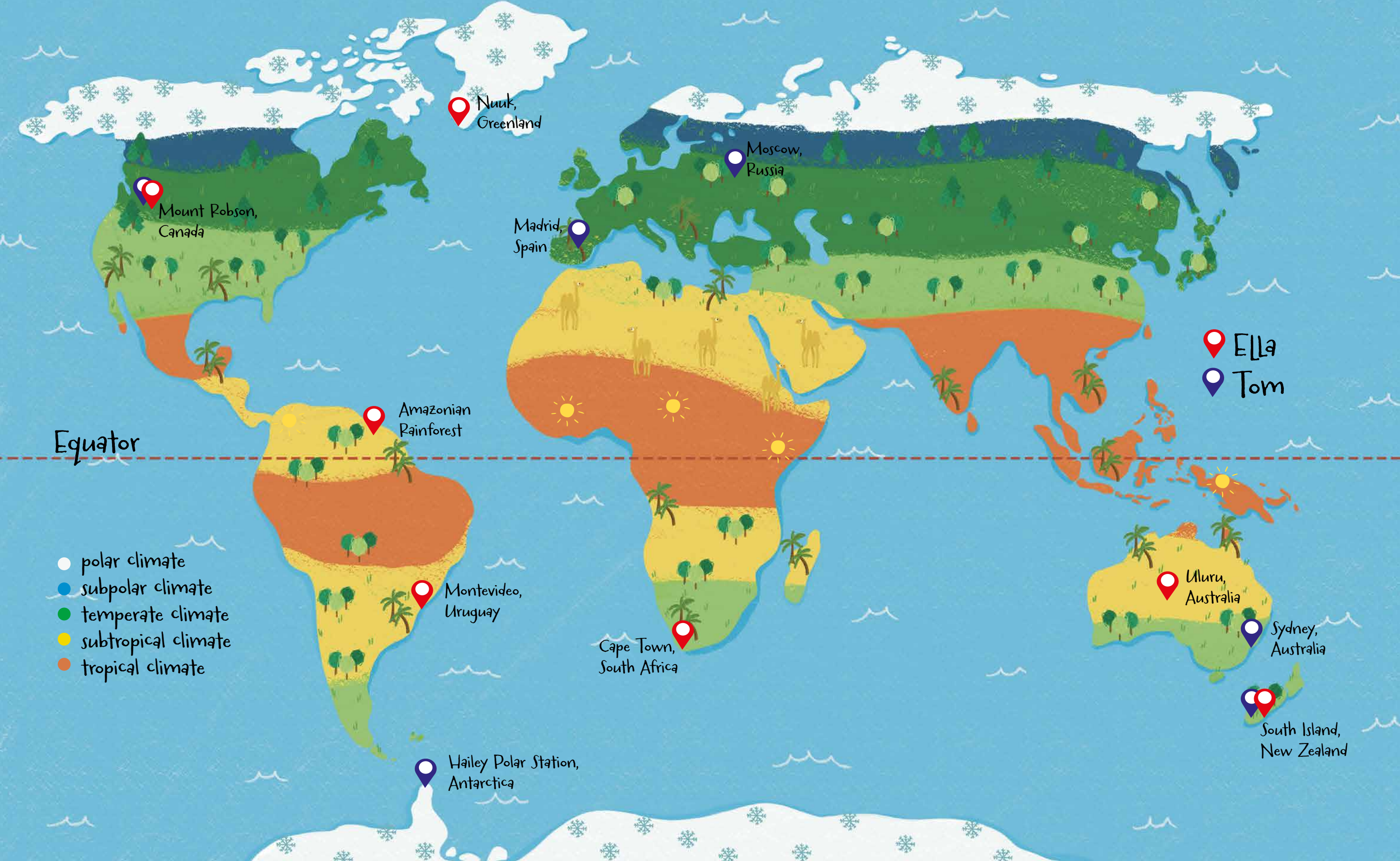
Joli Hannah
Illustrated by Nia Tudor

SEASONS

An Around-the-World Adventure

Albatros





Nuuk,
Greenland

Moscow,
Russia

Mount Robson,
Canada

Madrid,
Spain

Ella

Tom

Equator

Amazonian
Rainforest

- polar climate
- subpolar climate
- temperate climate
- subtropical climate
- tropical climate

Montevideo,
Uruguay

Cape Town,
South Africa

Uluru,
Australia

Sydney,
Australia

Hailey Polar Station,
Antarctica

South Island,
New Zealand



SEASONS

An Around-the-World Adventure

Hello, little reader. Welcome to your new book about Seasons around the world. Together with Ella and Tom, we'll take a journey around the different climate zones on our planet. We will learn information about weather in many amazing places.

Moscow, Russia	2	Madrid, Spain	20
Sydney, Australia	3	Montevideo, Uruguay	22
Nuuk, Greenland	4	Facts About Spain	24
Why Seasons Are Change?	6	Facts About Uruguay	25
Uluru, Australia	8	Berlin, Germany	26
The Australian Coast	10	Cape Town, South Africa	28
Facts About Greenland	12	Facts About Germany	30
Facts About Australia	13	Facts About South Africa	31
Antarctica	14	The Southern Alps, New Zealand	32
Amazonia	16	Mount Robson, Canada	34
Facts About Antarctica	18	Facts About New Zealand	36
Facts About Amazonia	19	Facts About Canada	37
		Homecoming	38



Let's go on a journey through the seasons.



NUUK, GREENLAND

Ella was lying on her stomach, looking out the window. She was holding the same keychain she had given Tom. “I wonder what Tom is doing?” Ella asked to herself. “He must be sitting somewhere warm in Australia while I’m stuck here freezing in 14°F weather.” She thought of the pictures he had send from the beach showing how he was learning to surf and showing all his new friends. She was worried that he would barely remember her. “It’s so unfair that some people are always comfortably warm, and others are always miserably cold,” she said frustratedly.



Ella looked at the keychain bobbing on her finger. As soon as she made her wish, it began to spin wildly.

WHY SEASONS CHANGE?

Hemispheres

It's a well known fact that the Earth is round. Think of it as an apple you slice right down the middle. You would be slicing at a point called the equator. That's where the Earth is closest to the sun - so it's the warmest there. The equator divides the Earth into northern and southern hemispheres.



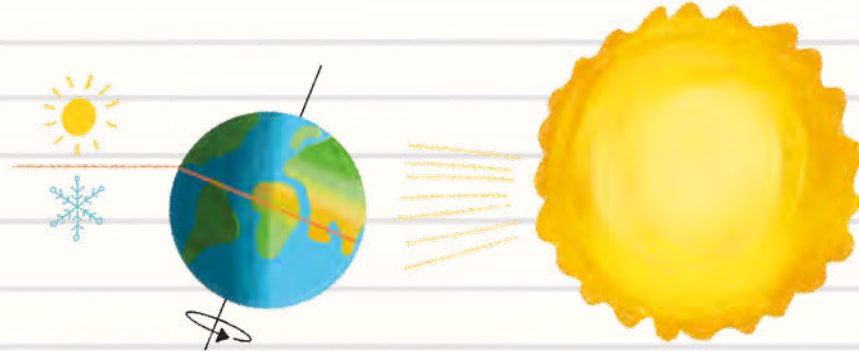
Earth's axis



If we took a massive stick and pierced the Earth with it from above, we could rotate the Earth around it. In a sense, this invisible rod actually does exist - it's called the Earth's "axis" and it's an invisible line through the Earth around which our planet rotates, like a spinning top. The Earth's rotation alternates between day and night. It takes 24 hours for one full rotation on its axis.

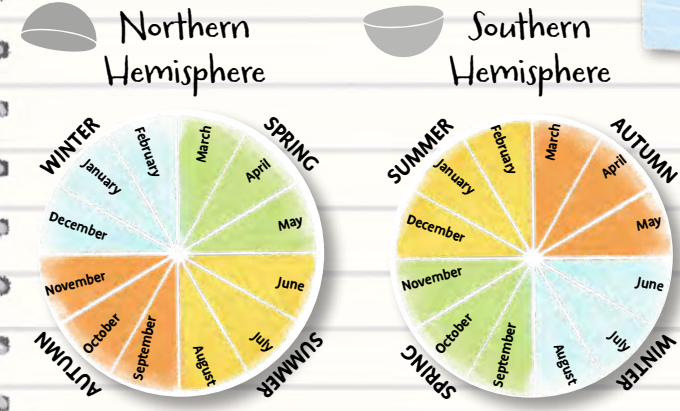
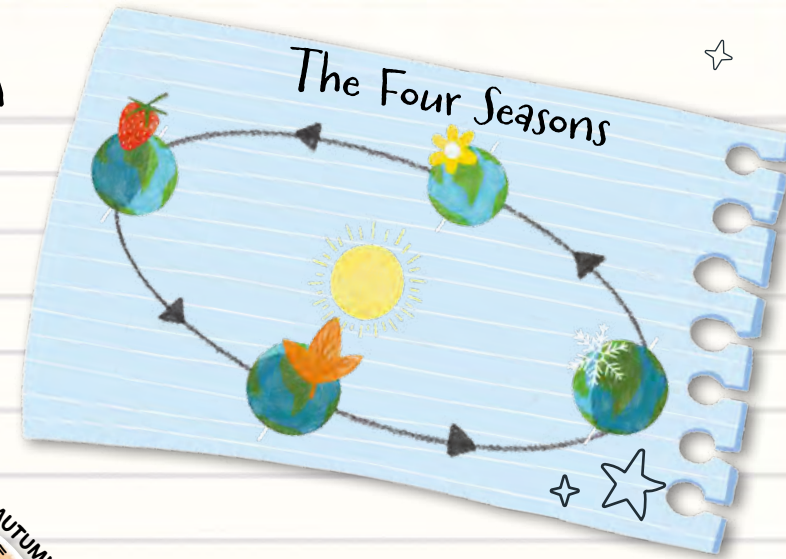
How the sun's rays reach the planet?

Because this axis is tilted... our planet, too, is tilted. Notice how the sun hits the Earth and heats it up. The part of Earth that is closer to the sun is hotter so it's summer there. The farther half is cold so it's winter there.



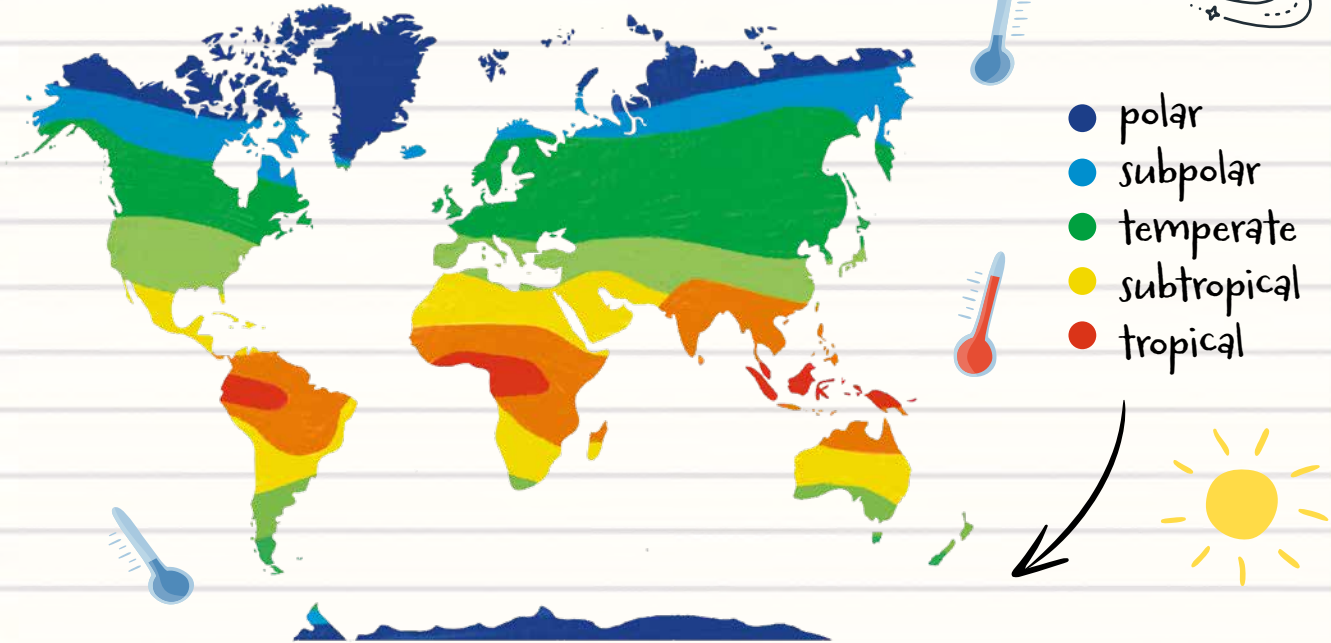
The Earth and the Sun

Because the Earth is tilted while it orbits the sun, it creates alternating seasons (spring, summer, autumn, and winter) in different parts of the Earth. One trip around the sun takes 1 year.



In one part of the world, when it's summertime and the sun shines brightly, on the other side, it's winter, with snow and cold days. This is because the Earth has different seasons in different places at the same time.

Climate Zones



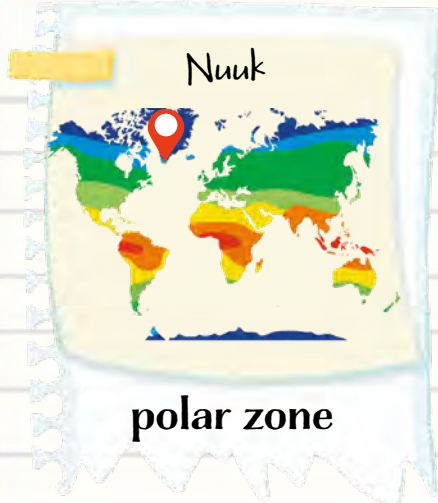
There are some places on our planet where the change is minimal and the change of seasons does not occur. That's because the variations in temperature are so small that they have little effect on weather patterns. These areas are called the polar and tropical zones. In other parts of the Earth, the seasons change, and people have spring, summer, autumn, and winter. These areas are called temperate zones.



THE AUSTRALIAN COAST

While Ella fought for her life in the Australian outback, an unknowing Tom was surfing the waves at Long Reef Beach in Sydney. The move from Moscow had been really hard for Tom. Like an old can of soda, he felt flat. Luckily he'd found some friends to teach him how to surf. Being in the water was a great way to keep cool from the heat. If only Ella were here with him, she'd be watching how good he was getting. Good thing it was the end of summer in Australia and winter was about to start. The funny thing was that Tom's friends over in the northern hemisphere were looking forward to summer. As he lay on the beach, dangling Ella's keychain from his finger . . . it began to spin wildly.





Greenland

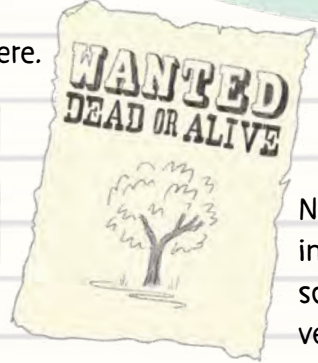
An Arctic country with harsh conditions for all forms of life. Only very hardy animals and plants live here. It is the largest island on the entire globe.

Average Temperature
32° F

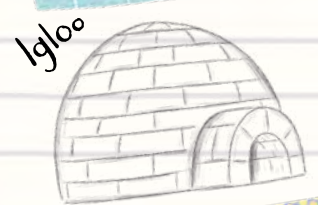
Average Rainfall
65 inches

Northern Hemisphere

Due to the long winter, only poor vegetation and low plants grow here.



No trees grow in Greenland, so wood is very rare.

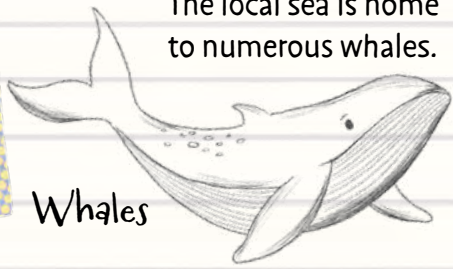


The native population is the Polar Inuit. They wear fur clothing to stay warm.

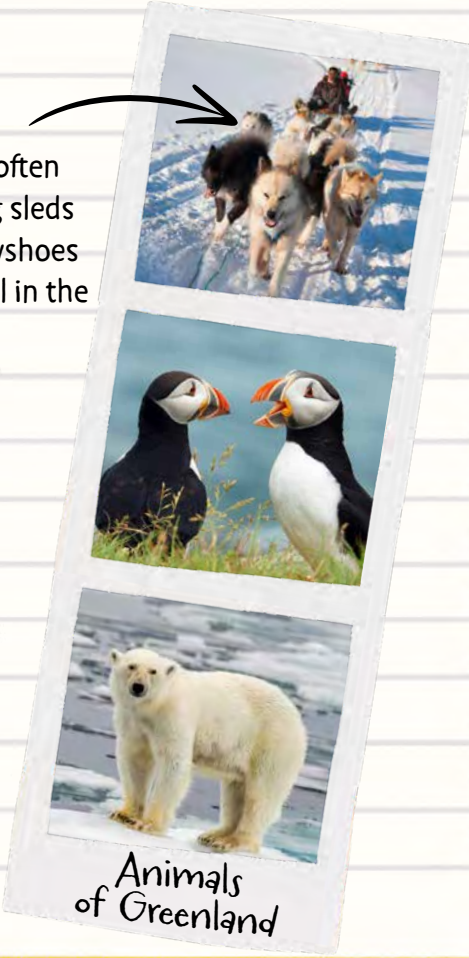
People often use dog sleds or snowshoes to travel in the snow.



The local sea is home to numerous whales.



Luminous effects in the Earth's ionosphere (a layer of the atmosphere) caused by flares on the Sun, the Aurora Borealis is only visible near the poles.



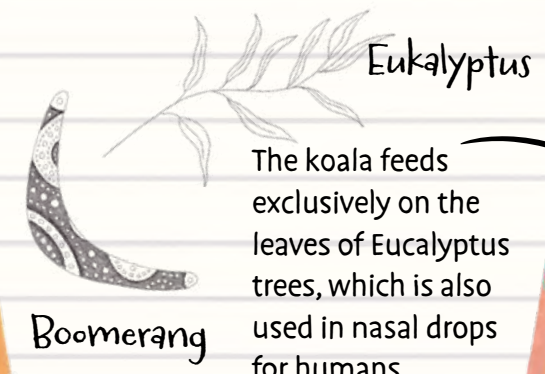
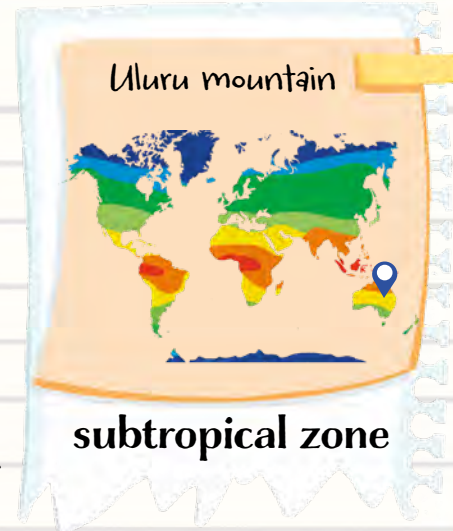
Average Temperature
80° F

Average Rainfall
15.5 inches

Southern Hemisphere

Australia

The oldest continent on the planet, with a rich array of differences and unique characteristics. Many species of plants and animals here are endemic, meaning they are found in only one place on the planet.



The koala feeds exclusively on the leaves of Eucalyptus trees, which is also used in nasal drops for humans.

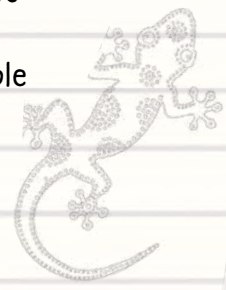


Uluru - the dominant feature of the Ayers Rock Mountains of the red center of the continent, inhabited by Aborigines.



A mammal that lays eggs? Common in Australia, impossible in other places.

Aboriginal lizard art



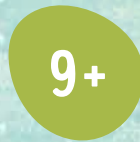
While the northern hemisphere celebrates Christmas in winter, Australia celebrates it in summer.



SEASONS

An Around-the-World Adventure

Come embark on a global journey with Ella and Tom! Join them as they explore enchanting destinations, guided by their mystical keychain. Discover captivating stories and facts about weather changes in different lands. Ignite your child's curiosity as they learn about climate zones worldwide.



TARGET GROUP



SOCIAL EDUCATION



FUN TO READ



VOCABULARY



LEARNING

Fuel your child's wanderlust and collect all four titles in this extraordinary series:



© Nia Tudor, c/o Darley Anderson Agency, 2024
© Shutterstock, pages: 12, 13, 18, 19, 24, 25, 30, 31, 36, 37
Printed in China

Albatros books



Albatros Media



albatros_books



Written by Joli Hannah
Illustrated by Nia Tudor
Layout by Barbara Pospisilova
Content Consultation by Lucie Ricicova
Proofreading by Scott Alexander Jones

© Albatros Media a.s., 2024
www.albatrosmedia.eu