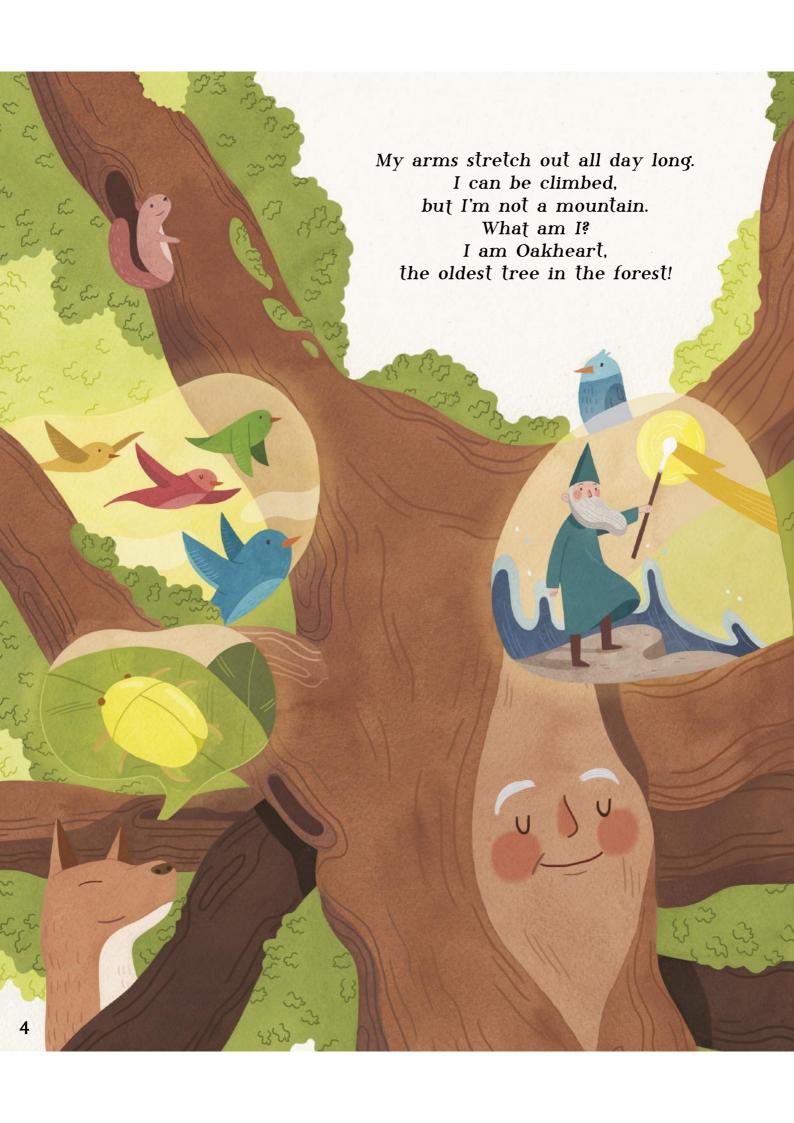
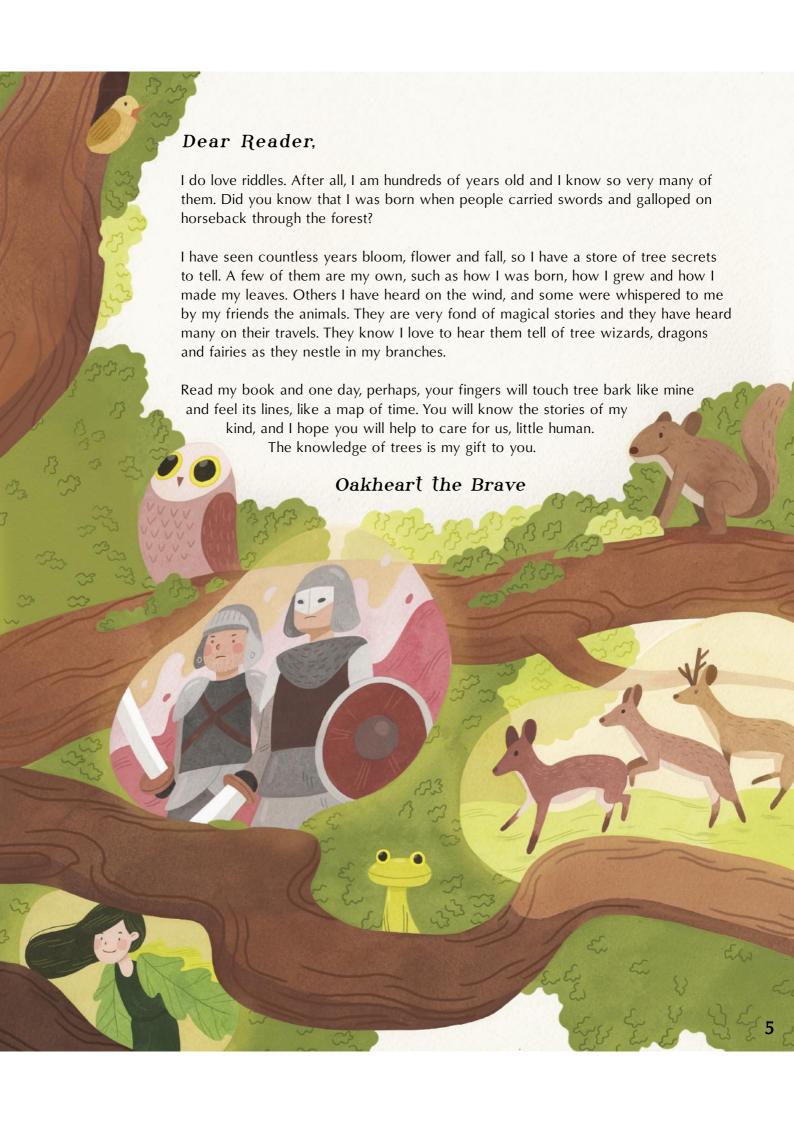
Secret Life of TREES



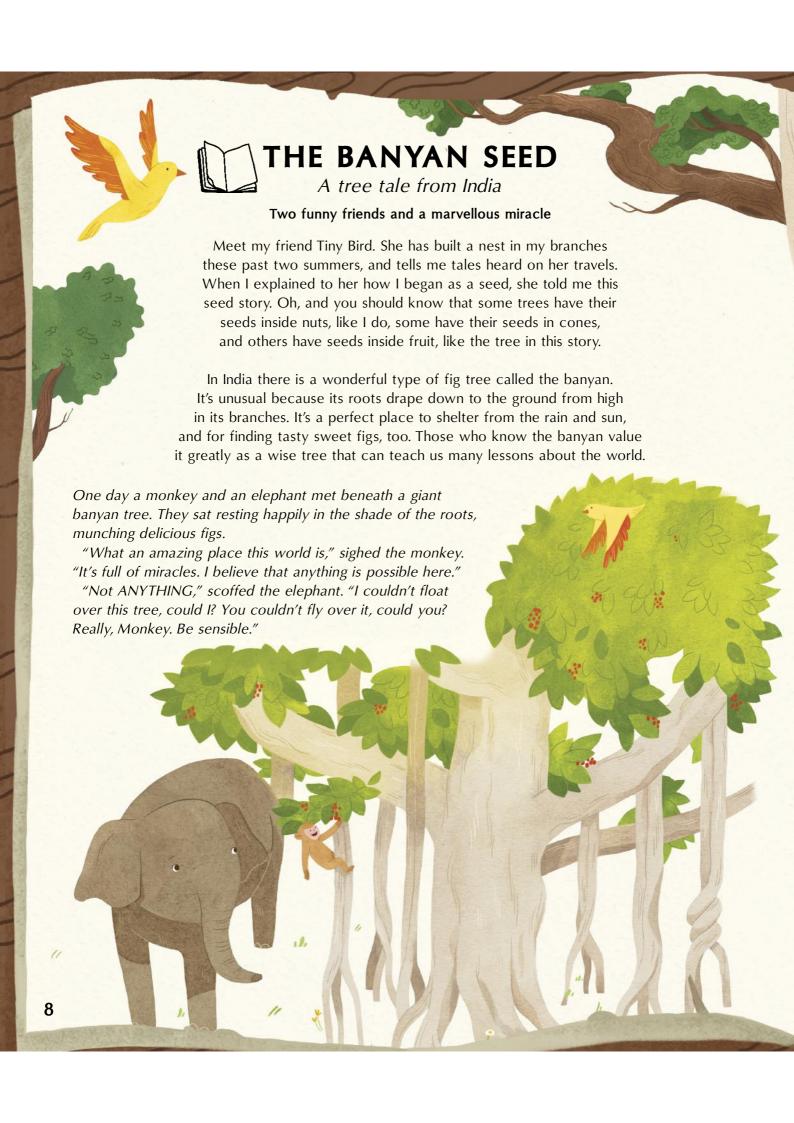
words & pictures













Nuts are seeds that come from trees around the world. Do you like eating them?

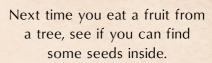


The monkey picked one of the figs from the banyan tree and pulled it open. Inside there were lots of tiny seeds, hardly bigger than specks.

"Inside just one of these seeds there is a mighty tree waiting to grow. Do you agree?" she asked.

"Yes. It's incredible when you think about it," nodded the elephant.

"It's a miracle, right here in front of us," replied the monkey, "and every fig on this tree has many seeds, which shows that the world is full of miracles and anything might be possible, my friend."





Some trees' seeds are inside wing-shapes, so they can blow away on the wind and find a new place to grow.



Some trees make their seeds in cones that ripen, burst and scatter the seeds all around.





Then the monkey and the elephant snoozed the afternoon away beneath the wise old banyan, and the elephant dreamt that he could float and the monkey dreamt that she could fly.

HOW TO FEED A TREE

A leafy recipe and some counting squirrels

What flutters but isn't a flag?
What falls but isn't water?
A leaf!
My leaves make me the food I need.



Oakheart's dinner recipe

(not for humans!)

If you want to make something yummy to eat you need a recipe. We trees have a recipe for our food, too, though it's not like yours. It's a kind of sugary mixture that helps us grow and stay alive. All the things we need to make it are in our leaves.

Ingredients

- A green chemical called chlorophyll (clor-oh-fill)
 It makes my leaves green and helps them to soak up sunlight.
- A gas called carbon dioxide My leaves soak it up from the air, through tiny holes called stomata (stow-ma-ta).
- Water
 It comes all the way up from my roots in the ground. Tiny veins carry it around inside my leaves.

My leaves use the carbon dioxide, the water and sunlight soaked up by my chlorophyll to make sugary food. This mixes with more water and flows through my leaf veins. Any water that I don't need goes out through the stomata in my leaves into the air around me, along with a gas that I make called oxygen. That's a gas that you humans breathe. I'm glad I make some of it for you. Altogether, my food-making is called photosynthesis (foe-toe-sin-the-sis).





