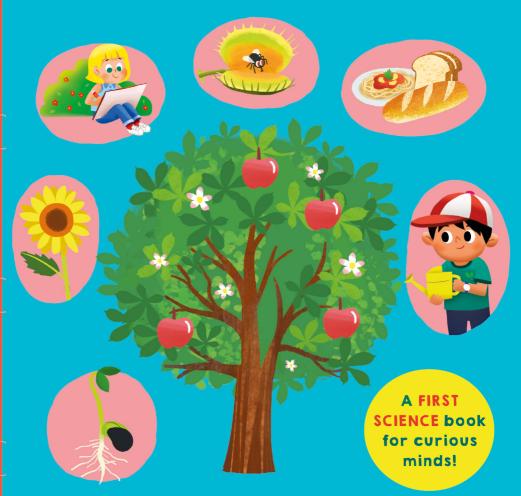
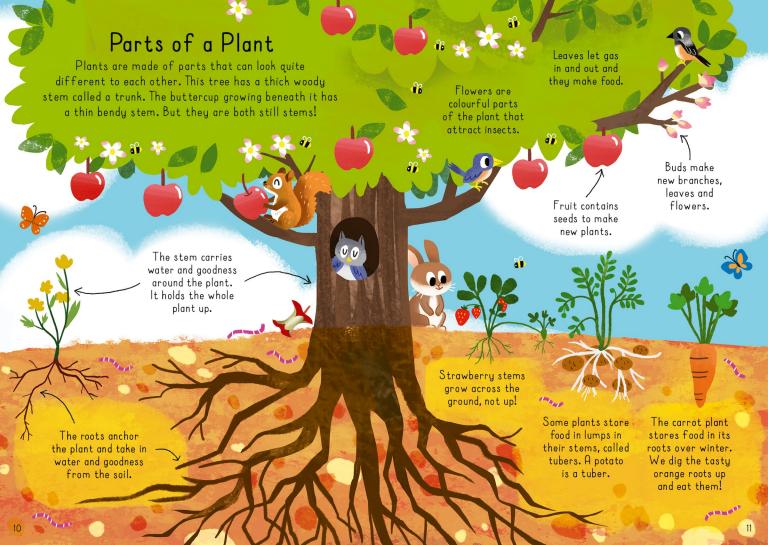


PLANTS



Written by Emily Dodd Illustrated by Chorkung





Getting Planted

Plants need their seeds to grow into baby plants — their plant children! But first, a seed needs to leave its parent and reach the ground. There are many ways a seed can get planted in the ground including...



Using a tiny parachute to drift in the wind

Hiding in tasty fruit, being eaten and... being pooped out!



Rolling, rolling, rolling...

Exploding through the air



Helicoptering away

Being buried by animals





Hitching a ride by getting stuck on animal fur... and falling off later.



Floating in the sea and washing up on a beach



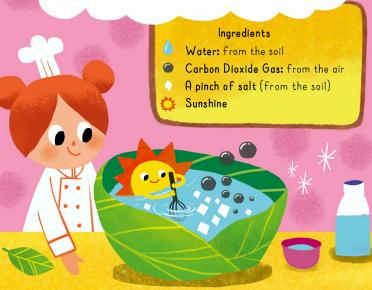
Not all plants grow from seeds.
The peppermint plant can send
stems called runners overground.
They start new plants when
they touch the soil!





Making Food

Imagine you didn't need to eat breakfast and instead you could lie in the sun and food would magically appear inside your belly! It sounds ridiculous, but it happens inside plants. It's called photosynthesis. That's a big long word but if we break it down, photo means 'light' and 'synthesis' means to put together. So a plant puts together food using light!



Pretend the leaf is a mixing bowl and sunshine is the energy needed to mix the ingredients. Sunshine makes the ingredients change into something new - a sugar and some waste gas. The sugar is food for the plant.

The food made in the leaves is a sugary juice. It travels round the plant through tubes.

_Did you know...?

Tiny green parts in leaves called chloroplasts are where food gets made during photosynthesis.



When the leaf makes food there are some leftovers that the plant chucks out. The leftovers are a gas called oxygen. It floats away out of the leaves. We need the oxygen gas that is chucked out by leaves during photosynthesis. It's the gas we breathe in! So next time you take a breath, remember to thank plants!

Thank you plants!

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Defence

Plants work hard to make flowers and fruit and to spread their seeds. Some have invented ways to protect themselves so that they can stay alive!



