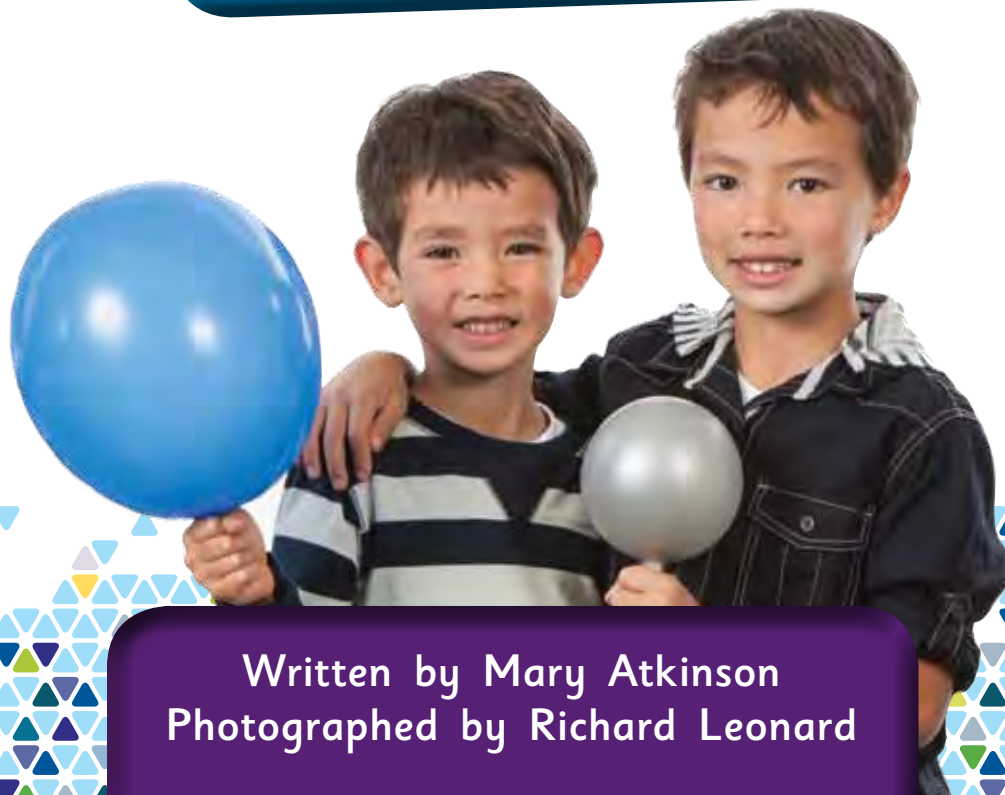


Bigger and Smaller



Written by Mary Atkinson
Photographed by Richard Leonard

Bigger and Smaller

For teachers' inspection ONLY

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Hotter and Colder

Some things get bigger
as they get hotter,
and smaller
as they get colder.
Let us see
how this works.



Pop Some Corn

Look at some popcorn kernels.
The outside is hard.
Can you work out
how they turn
into the popcorn we eat?
Try this to work it out.



Things you
must have –

- 1 tablespoon
of oil
- 3 tablespoons
of popcorn
- saucepan with lid



1. Ask an adult
to heat the oil.



2. Add the kernels.
Cover.



3. Heat the popcorn
until it pops.
Keep shaking it.



4. When it stops
popping,
let it cool.



How did it work?
When popcorn
gets hot,
its insides get bigger.
The outside does not
get bigger,
so it bursts.

