

Rock and a feather



They have a rock and
a feather. The rock has
more mass than the
feather.





A rock is strong.
It will not shift in
shape when it gets
a big squeeze.

An elephant is
strong as well. It
takes a lot to
make it move.



A feather is so
light. He curls his
hand so that the
wind does not pick
it up.



He wants to find out
how much the rock
weighs. How can he do
that?



His dad has a set of
scales! That is the best
way to find out the
weight of the rock.



His dad fills up a flask
so that it is the same
as one kilogram.





Here are 10
cows and 200
dogs. Which
way will the
scales tilt? To
the cows.

The world has a lot of
mass. There are no
scales that big.



We would need
a lot of flasks
to make up this
mass.



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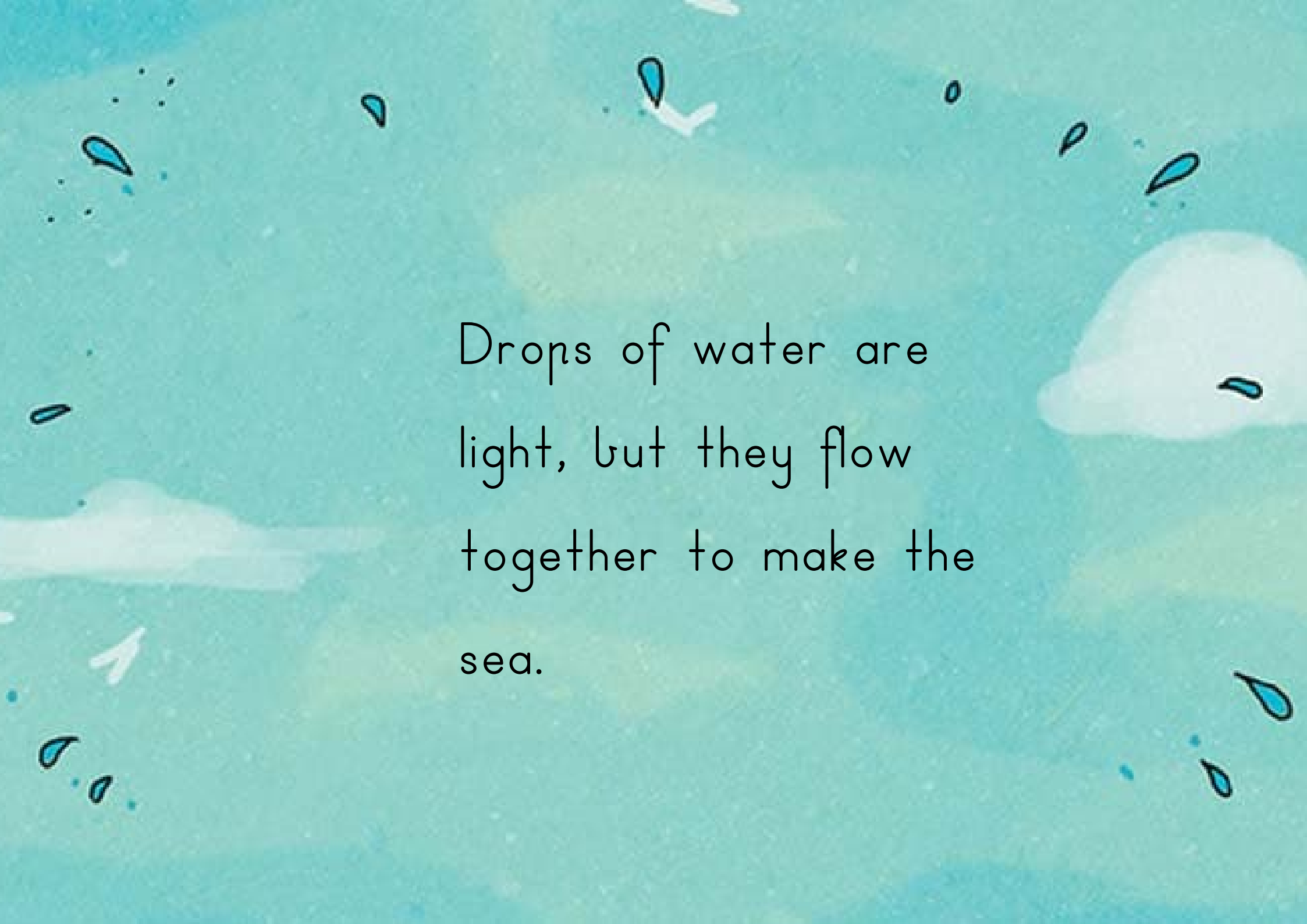
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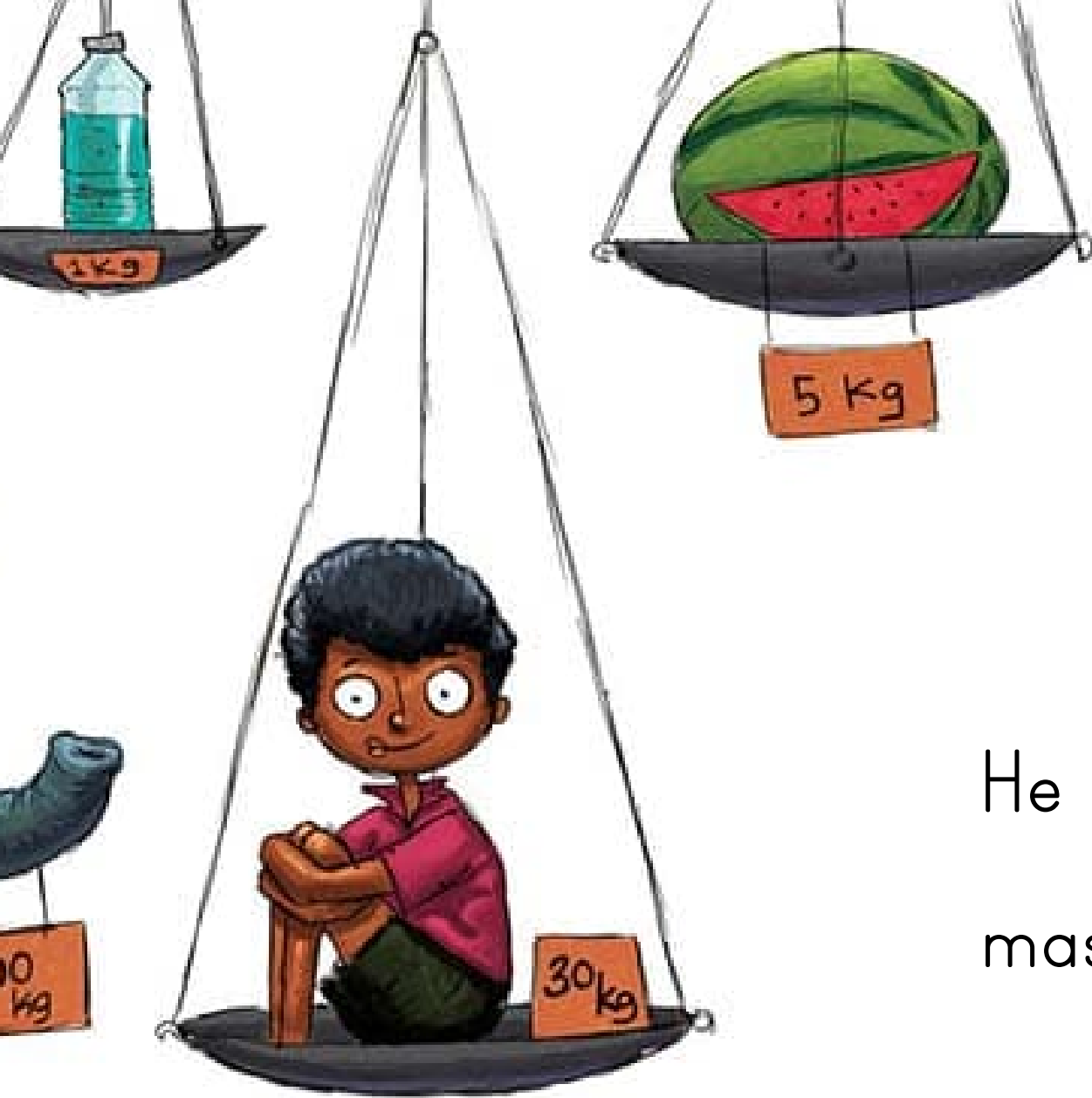
Hey, look!

It takes a lot of
feathers to get
to one kilogram.

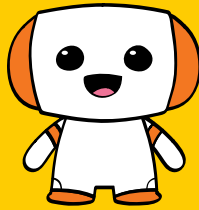
Check out the
pile!



Drops of water are
light, but they flow
together to make the
sea.



He can find out his own
mass as well!



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