

# 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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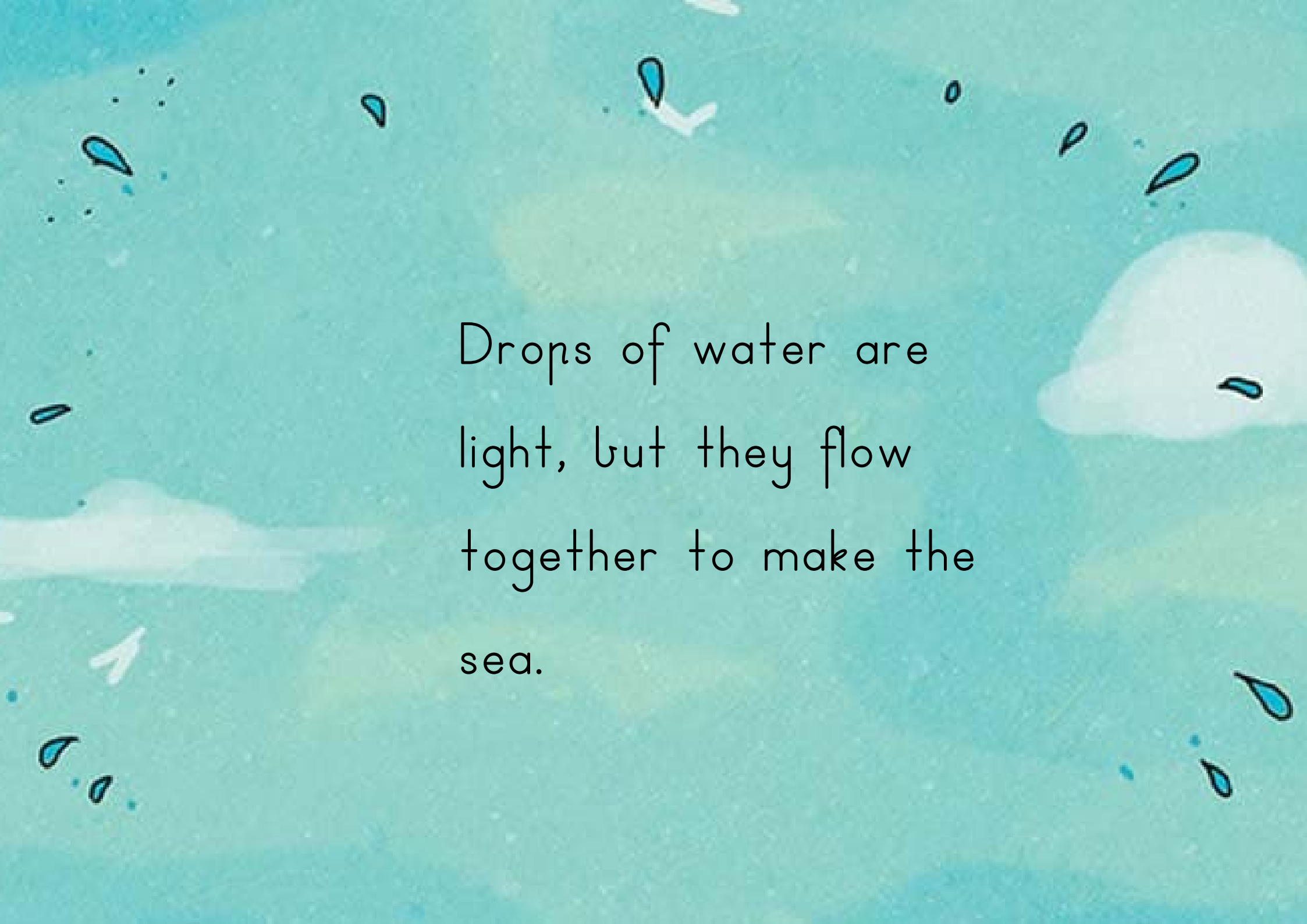
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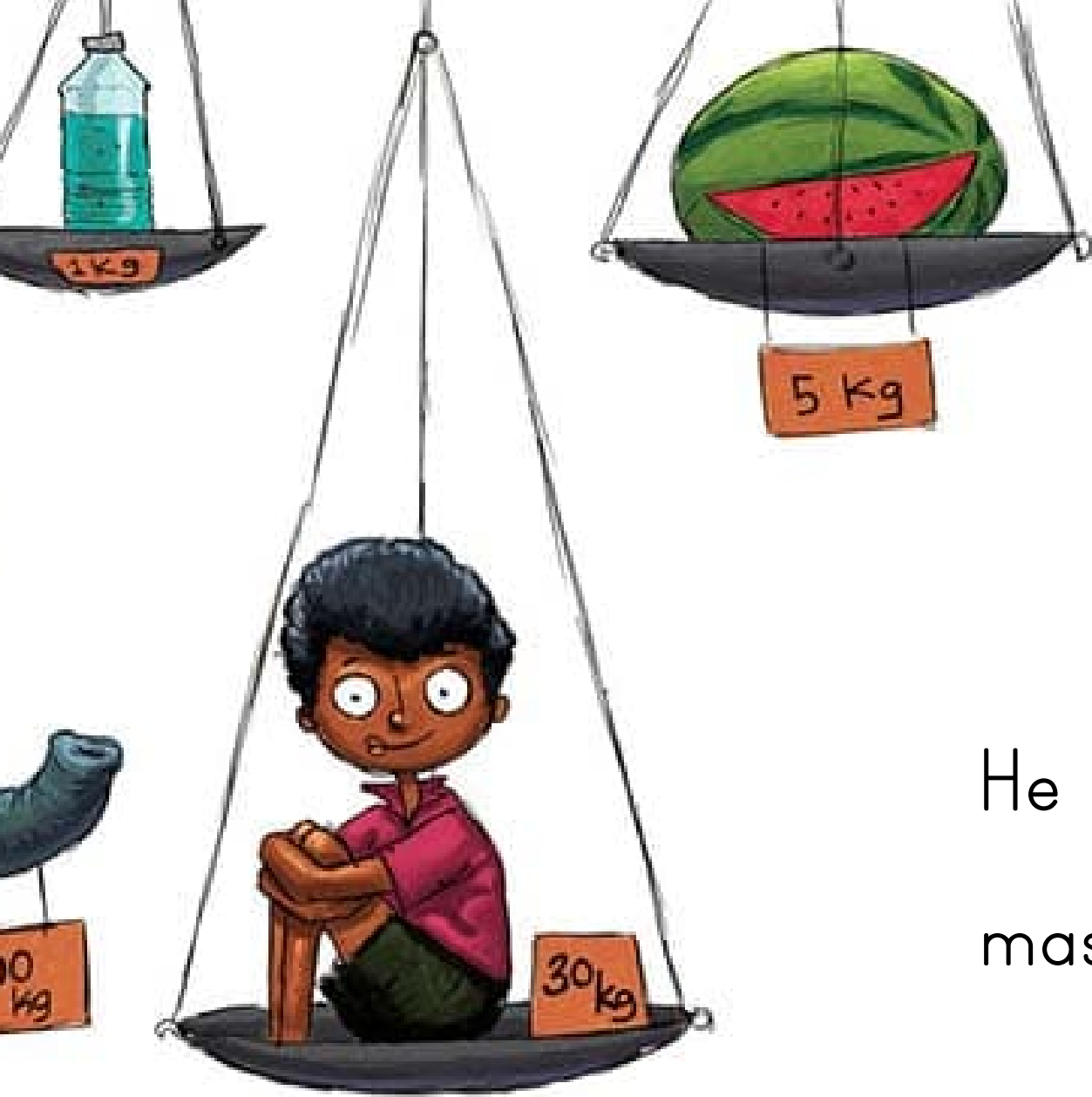
Hey, look!

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

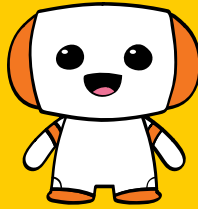
Check out the  
pile!

A watercolor illustration of a sky and sea. The sky is a light blue with soft, yellowish-green washes. Several white clouds are scattered across the sky. Numerous blue raindrops of various sizes are falling from the sky. The sea is a darker blue with white waves. The text is centered in the middle of the image.

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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