

# DO ~~IT~~ TRY THIS AT HOME

Issue #146

Featuring: **Marvin and Milo**

**What you need:** • An orange  
• A deep bowl or container • Water

Hey Milo - do you think oranges float better with or without their skin?

Fill the bowl with water and put the orange in it. What happens?

Now peel the orange and put it in the water again. What happens this time?

You should find that the orange floats when its skin is still on, but sinks after you peel it off!

Orange skin is full of tiny air pockets that help make the orange less dense overall than water, so it floats. Removing the skin makes the orange denser than water, so it sinks.

Vic Le Billon