

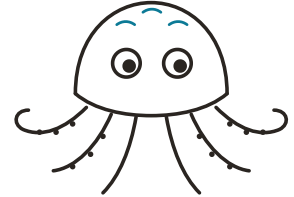


Activity 2

How does an octopus vanish?

How does an octopus vanish?

An octopus can't see colours at all. So how does it know what colour to turn?



Let's find out

You will need

Paper · crayons or pencils · scissors · three different spots in your home, like a cushion, a table and a towel

- 1 Cut out three paper octopuses. A blob with legs is perfect.
- 2 Put one on the cushion. Look hard at the cushion, then colour your octopus to hide there.
- 3 Do the same for the table, and for the towel.
- 4 Now swap them! Put the cushion one on the table.
- 5 Ask someone to find all three from across the room. Give them five seconds!

So what happened?

Hiding isn't just about colour. It's about matching the **pattern** of one special place. Move to the wrong spot and your clever disguise makes you easier to spot! A real octopus changes in under a second, using tiny colour bags in its skin — without being able to see colour at all.

Wonder about it

- ? Which octopus was hardest to find? Why that one?
- ? What happened when you moved one to the wrong place?
- ? If you had to hide in this room right now, where would you go?



Activity 2

How does an octopus vanish?

Write it down

The hardest octopus to find was on the...

For grown-ups

Do the experiment before you explain anything

The explanation lands far better after a child has seen the thing happen. If you tell them first, they stop looking. These sheets are ordered that way on purpose.

Let the wrong answer happen

If they're confident about what will happen, don't correct them — let them test it. Being wrong and then finding out is the part that sticks.

The questions matter more than the activity

The "wonder about it" questions have no single right answer. They get a child applying the idea somewhere new, which is the difference between learning a fact and understanding something.

In a classroom

A 15-minute station for a small group, needing nothing you'd have to buy. Print and copy freely. Leo & Nova is an animated series for curious children aged 5–10 — one real question per episode, with a real answer at the end.

Like this one?

Get every activity pack as new episodes come out — leonovashow.com/packs