



Part of body	How many	What it does	Weird but wonderful	
Tentacle	8	Catches and chokes prey	The underside of each tentacle is covered in 240 suckers. That means an octopus has a total of 1,920 suckers.	
Heart	3	Pumps blood	The blood that each heart pumps is blue.	
Eye	2	Sees prey and predators, even in low light	The pupils remain horizontal even if the octopus turns on its side or upside down.	

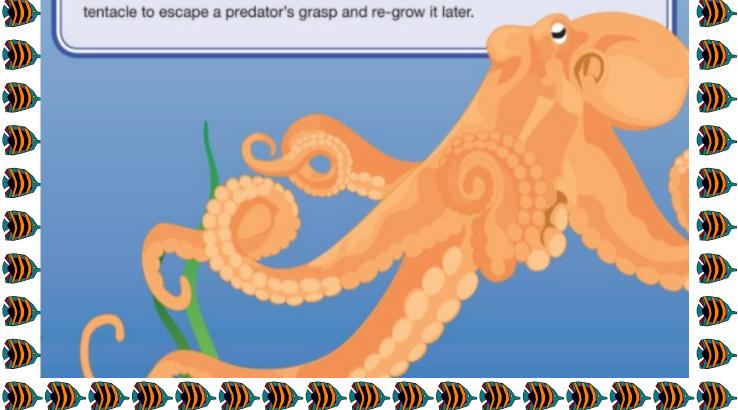
Defence and attack

Octopuses have a number of different ways to defend themselves.

They have a well-developed ability to hide. For example, the common octopus is able to camouflage itself by changing its skin to match the colours, patterns and even textures of its surroundings. Predators such as sharks, eels and dolphins swim by without even noticing it.

When an octopus is discovered, it releases a cloud of black ink. This blocks the predator's view, giving the octopus time to escape. The ink also contains a substance that can reduce the predator's ability to smell, making the fleeing octopus even harder to track.

If necessary, an octopus can squeeze into tiny cracks and crevices where predators can't reach it. If all else fails, an octopus can lose a





Invertebrate imitators

An octopus in a German zoo learned to open jars of shrimps by copying zoo staff. The octopus, named Frida, opened the jars by pressing her whole body onto the lid and grasping the sides with her eight tentacles. She unscrewed the lid by repeatedly



twisting her body. It took Frida anything from ten seconds to an hour to get a lid off, depending on how tightly it had been screwed on.

Octopus facts

Type of animal

Invertebrate (no backbone)

Diet

Carnivore: crabs, crayfish, shellfish

Average lifespan in the wild

1 to 3 years

Largest octopus

Giant Pacific Octopus

Weighs up to 70kg (close to the weight of an average person) Measures 7.5m from tentacle tip to tentacle tip

Smallest octopus

Octopus Wolfi

Can be as light as 1g (the weight of 1 raisin)

Measures 1.5cm in length

Venom

The tiny Blue-ringed Octopus of Australia is the only octopus that has venom deadly to humans.



