

Violet, not violent

VIOLET SNAILS (scientific name: *Janthina janthina*) cruise the ocean under a raft made of bubbles to find their next jellyfish meal.

This snail hunts by **using the wind and currents** to help it bump into jellyfish. The raft is made from a mixture of **mucus from the animal's foot and air bubbles**. What do you think would happen if all of the bubbles popped?

Violet Snails can be found all over the world in **tropical and temperate** oceans, including all round the coast of Australia. You might even find one washed up on your local Perth beach.

ACTIVITY 1. A raft of bubbles!

INSTRUCTIONS: Use a pencil to join the dots to complete the bubbles from the Violet Snail so it can float.



ACTIVITY 2. Learning the lingo

INSTRUCTIONS: Find out the meaning of these words:

- Float
- Sink
- Prediction
- Currents
- Tropical
- Temperate

ACTIVITY 3. Floating and sinking experiment

MATERIALS: • A variety of household objects (ask a parent or teacher first) • A clear container • Tap water.

INSTRUCTIONS: Test a range of household objects to see which ones float and which ones sink.

- Don't forget to make a prediction before each test. Do your own research to find out why some objects float and others sink.



4 screws



A coin



An orange

OBJECT:	PREDICTION: What you think might happen (tick)		OBSERVATION: What did you see happen (tick)		CONCLUSION: Why do you think the object floated or sank?
	FLOAT	SINK	FLOAT	SINK	
Screw					
Piece of polystyrene foam					
Coin					
Leaf					
Seashell					
Whole orange – peel on					
Whole orange – peel removed					
Small blob of cooking oil					

- What are some other things you could test?

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