

SCIENCE  
**Crustaceans**  
**Tutorial Quiz**

1. Students answer all questions T or F (Do NOT write explanations)
2. Teacher reads out answers and students mark own quiz
3. Class discussion of each question. Students write explanations where required.

	Write True or False for each Statement	My Answer	Correct Answer
1	Australian lobsters have ten legs two of which are nipper type claws.		
<i>Explanation</i>			
2	Australian crayfish have ten legs but no nipper type claws.		
<i>Explanation</i>			
3	A crustacean such as a lobster starts its life as a tiny plankton when it hatches from an egg.		
<i>Explanation</i>			
4	Crustaceans are organisms with no backbone, but they have an external shell or exoskeleton covering their whole body.		
<i>Explanation</i>			
5	Crabs, prawn and lobsters are all decapod crustaceans.		
<i>Explanation</i>			
6	A decapod crustacean has 8 legs.		
<i>Explanation</i>			
7	Some decapod crustaceans have limbs or legs that have been adapted to specific purposes such as the swimming paddles of the blue swimmer crab		
<i>Explanation</i>			
8	The nipper claws of a crab are the front set of its ten legs.		
<i>Explanation</i>			
9	The sex of a crab can be determined by the shape of its curled under tail.		
<i>Explanation</i>			
10	An Australian yabby is a freshwater crayfish		
<i>Explanation</i>			

11	Decapod crustaceans such as yabbies, lobsters and prawns can be separated into male and female by the location of the sex organ at the base of its 3 <sup>rd</sup> or 5 <sup>th</sup> set of legs counting from the front.		
<i>Explanation</i>			
12	The female yabby has two round sex organs at the base of the 3 <sup>rd</sup> set of legs.		
<i>Explanation</i>			
13	Eggs are released from the round sex organs at the base of the third set of legs of a female lobster.		
<i>Explanation</i>			
14	The eggs of a decapod crustacean are kept tucked under the tail and it is said to be 'in berry'.		
<i>Explanation</i>			
15	The head part of a decapod crustacean contains most of the body organs and is covered by a shell called a helmet.		
<i>Explanation</i>			
16	The edible meat (muscle) is located in the carapace of <b>all</b> crustaceans.		
<i>Explanation</i>			
17	We eat the meat from the tail or abdominal section of lobsters, crabs and prawns and the carapace of crabs.		
<i>Explanation</i>			
18	Crustaceans also include copepods, barnacles and turtles.		
<i>Explanation</i>			
19	A prawn has a sharp rostrum at the front of its head.		
<i>Explanation</i>			
20	Prawns and lobsters have a number of pairs of swimming type appendages under the tail or abdominal section.		
<i>Explanation</i>			
21	The flattened end tail fan of prawns is used to swim like a dolphin		
<i>Explanation</i>			
22	Crustaceans need a correct diet to ensure they are healthy and in particular have a healthy hard exoskeleton.		
<i>Explanation</i>			
23	All crustaceans shed their shell then grow a new shell over the following 2 weeks.		
<i>Explanation</i>			

