

**c****ckles**  
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Cockle shells can reach 5 cm in length. True or False?



A. True



B. False



cockles

Which class of molluscs  
do cockles belong?



A. Bivalvia



B. Gastropoda



cockles

A stylized white cockle shell icon with wavy lines underneath, positioned between the 'o' and 'c' of the word 'cockles'.

In *Cerastoderma edule*,  
the specific name 'edule'  
derives from the Latin  
word 'edulis'.  
What does it mean?



A. Poisonous



B. Edible



cockles

What are the feeding habits of cockles?



A. Filter Feeding



B. Deposit Feeding



cockles

The logo for 'cockles' features the word in a white, lowercase, sans-serif font. The letter 'o' is replaced by a stylized white cockle shell with radiating lines. Below the shell are three small white wavy lines representing water.

How do adult cockles  
move?



A. With the help of the foot



B. By expelling water through  
syphons



cockles

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Mollusc species are found in several different habitats. However, bivalves only inhabit aquatic systems. True or False?



A. True



B. False



**c** **ckles**



How do cockles reproduce?



A. Sexually



B. Asexually



cockles

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What kind of symmetry do cockles have?



A. Bilateral



B. Radial



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How long have cockles  
been on Earth?



A. Less than 1 million years



B. More than 1 million years



cockles

Before *Cerastoderma*,  
cockles' genus name was  
*Cardium*, inspired by their  
shell shape. What does it  
mean?

A. Heart



B. Ball



**c** **ckles**



A cockle cannot move more than 10 meters during their whole life. True or False?



A. True



B. False



cockles

Cockles are not found south of Portugal. True or False?



A. True



B. False



cockles

Is there more than one  
species of cockles?



A. Yes



B. No



cockles

Apart from humans, what else eats cockles in their diet?



A. Just humans



B. Fish, birds, crabs, starfish, amongst others



cockles



Cockles are  
hermaphrodites. True or  
False?



A. True



B. False



cockles

What type of circulatory system do cockles have?



A. Open circulatory system with haemolymph being pumped by a heart



B. Cockles do not have a circulatory system



cockles

A stylized white cockle shell icon with wavy lines underneath, positioned between the 'o' and 'c' of the word 'cockles'.



Can cockles fight off pathogens?



A. No, cockles are always healthy



B. Yes, through their defence mechanism



cockles

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*Cardium* pottery, a decorative style derived from imprinting clay with cockles shells, was very popular during:



A. The Stone Age



B. The 80's



cockles

Which famous Irish song  
talks about cockles?



A. Molly Malone



B. Nothing Compares 2U



cockles

What disease is the most pathogenic threat for cockles along the Atlantic Area?



A. Marteiliosis



B. Measles



cockles



Cockles are eaten by birds. True or False?



A. True



B. False



cockles



What makes cockle shells  
hard?



A. The presence of calcium and  
other minerals



B. Their composition is similar to  
our nails



**c** **ckles**

What bivalve moves faster?



A. Scallop



B. Cockle



cockles

Cockles have an immune system to fight pathogens.



True or False?

A. True



B. False



cockles





Cockle fertilization is external by releasing gametes to the water. True or False?



A. True



B. False



cockles

Which organ do cockles use to bury into the sediment?



A. The siphons



B. The foot



cockles

A stylized white cockle shell icon with wavy lines underneath, positioned between the 'c' and 'ckles' of the word 'cockles'.



Cockles can get sick. True or False?



A. True



B. False



cockles

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Cockles cells sometimes  
get crazy and start to grow  
and divide out of control.  
True or False?



A. True



B. False



cockles



How many larval stages do  
cockles have?



A. 5



B. 3



cockles



What consequences does the bioturbation caused by cockles have?

A. Alter the biological processes occurring in the substrate



B. Cause big waves in the water column



**c****ckles**



Where can we find  
cockles?



A. In semi-sheltered marine systems along  
the north-eastern coast of the Atlantic Ocean 

B. In highly energetic environments  
along the Mediterranean Sea 

 **cockles**

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A cockle does not live more than 12 months. True or False?



A. True



B. False



cockles



In which type of habitat  
cockles can be found?



A. Soft sediment habitats



B. Rocky shores



cockles

A white icon of a cockle shell with wavy lines underneath, positioned between the 'o' and 'c' of the word 'cockles'.

Like humans, cockles  
have veins and arteries.  
True or False?



A. True



B. False



cockles