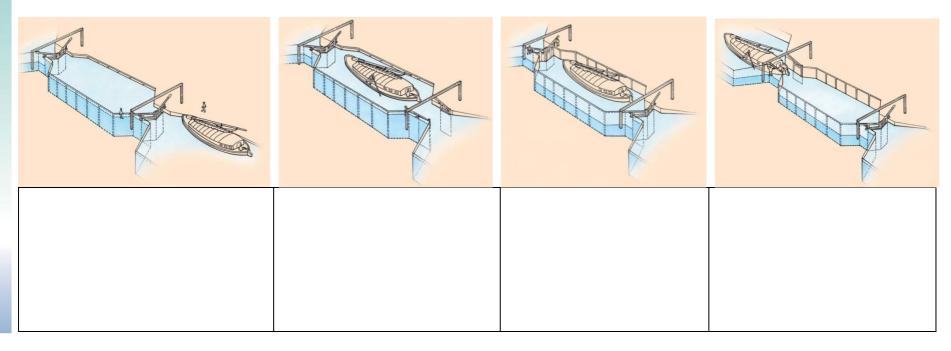
How did Geldeston Lock work? Challenge (1) Make a model of the lock

Your task is to make a model showing how Geldeston Lock worked. You can use a range of materials and design ideas. You might like to display your models for the rest of the school to see. You could arrange a range of prizes 1st, 2nd and 3rd and one for the easiest to understand. Good luck and have fun!

Watch the animation (Adobe Flash Player) and study the sheet "How did Geldeston Lock work?"

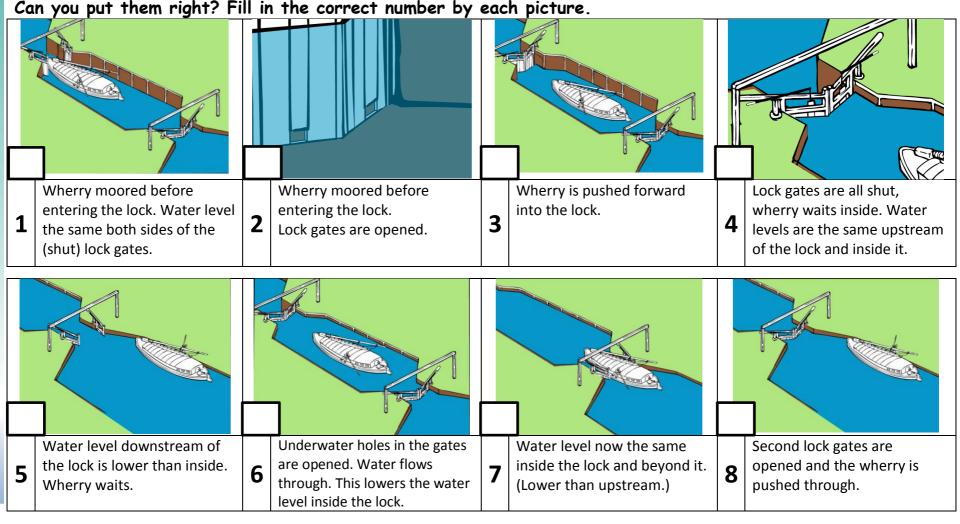
You might find it helpful to write in your own words what is happening in each of these pictures.



How did Geldeston Lock work? Challenge (2) Match words and pictures together

These pictures and captions show a wherry going downstream through the lock. They have got muddled up. The story is in the right order but the pictures aren't.

Can you put them right? Fill in the correct number by each picture.



How did Geldeston Lock work? Challenge (3) Fill in the missing words

Your task is to fill in the missing words which are all in the box on the right.

A wherry is sailing downstream, on the River The huge black sails catch the					-
It is carrying a cargo of from Bungay to Great Yarmouth.					
It arrives at Geldeston The lock gates point upstream in a shallow V shape. This means that the pushes on them and helps to keep them tight shut.					A SALLER
The is tied up before entering the lock. Its sail and are down so that it goes through the lock slowly.					
The water level is the same on both sides of the upper lock gates. The wherrymen open the upper lock One of the men uses a long pole to push the wherry forward into the lock. This is called					
One of the men (uses a long pole	e to push the wherry	forward into the lo	ock. This is called	
The upper lock gates are shut and the wherry inside. The water level downstream of the lock is lower than inside. The open underwater holes in the lower gates. Water flows through. This lowers the water inside the lock.					
The water level is now the same inside the lock and beyond it. (Lower than upstream.)					A Property of the second
The lower lock gate towards the	ates are opene	d and the wherry is p	pushed through. It o	continues its	
Waveney wherrymen	lock flour sea	waits gates level	river wherry wind	journey quanting	