

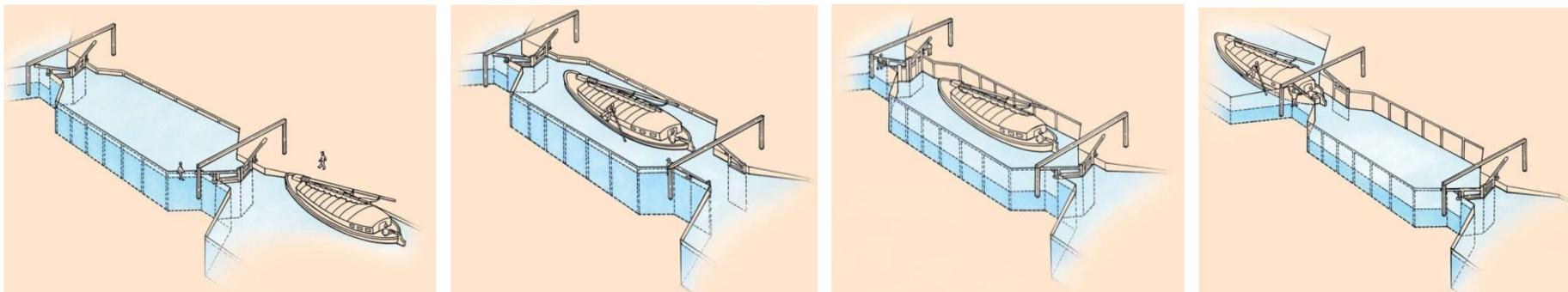
How did Geldeston Lock work? Challenge (1)

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.

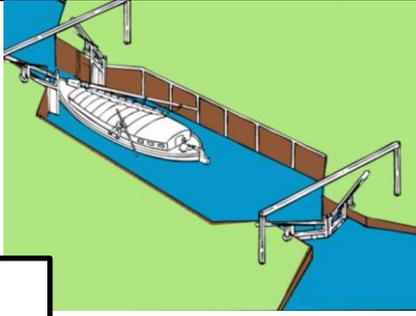
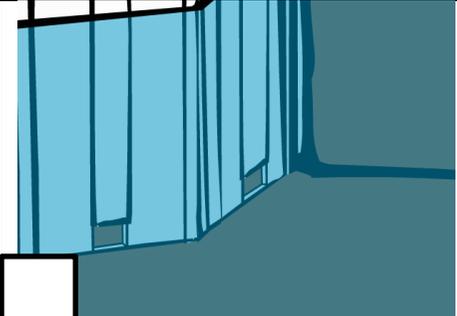
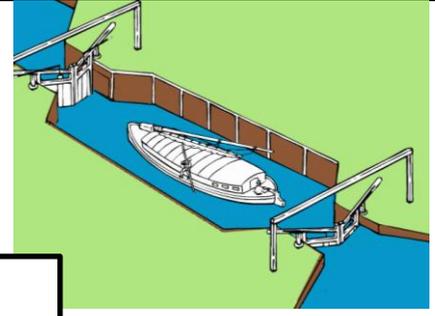
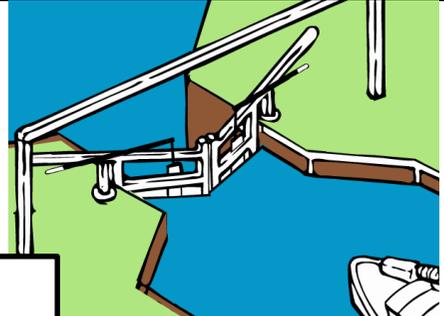
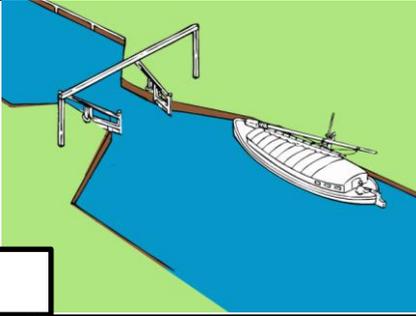
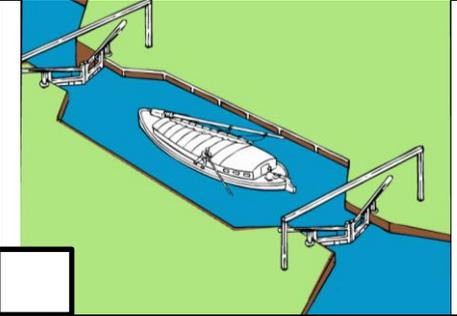
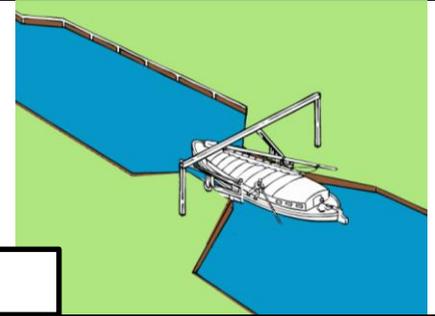
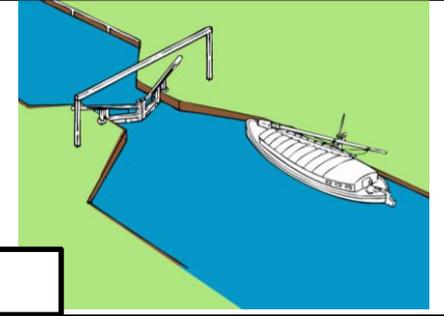


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How did Geldeston Lock work? Challenge (2)

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.

			
<p>1 Wherry moored before entering the lock. Water level the same both sides of the (shut) lock gates.</p>	<p>2 Wherry moored before entering the lock. Lock gates are opened.</p>	<p>3 Wherry is pushed forward into the lock.</p>	<p>4 Lock gates are all shut, wherry waits inside. Water levels are the same upstream of the lock and inside it.</p>
			
<p>5 Water level downstream of the lock is lower than inside. Wherry waits.</p>	<p>6 Underwater holes in the gates are opened. Water flows through. This lowers the water level inside the lock.</p>	<p>7 Water level now the same inside the lock and beyond it. (Lower than upstream.)</p>	<p>8 Second lock gates are opened and the wherry is pushed through.</p>

