

HOW CANAL LOCKS WORK

(COMPLETED FOR YOU)

Canals need to have **locks** as a way of going **up** or down hills. The picture shows the **boat** going downhill. Gates are **built** across the canal to **shut** the water in at each **end** of the lock. The boat **comes** into the lock. The gates close **behind** the boat. Water is let **out** of the gates in front of the boat. The water **level** in the lock goes down. Then the **water** in the lock gets to the **same** level as the water in front of the **gates**. The gates **open** and the boat **goes** on its way. Sometimes **several** locks are needed **if** the canal has to **go** up or down a **steep** hill.

Sometimes **canal** lifts are used **instead** of locks, if the **hill** is very steep.

front	gates	boat	shut	same	out
hill	water	end	go	instead	level
comes	canal	up	built	locks	steep
behind	if	goes	open	several	

There is a good video on Youtube which shows how a canal lock works. It is presented by Tom Maloney and you can watch it at <https://www.youtube.com/watch?v=fjMsYzL1ziU> (or use the short version - <http://tinyurl.com/pww5hdm>)