

## Water vortex

### Visitor Experience

Visitors can put balls into a water whirl and they can then watch the balls get sucked down into the eddy.

### Image



Macao Science Center - Children's Science: S-03128-Big water vortex



Ann Arbor, Albuquerque, Discovery Museum, Acton

### Scientific Content

In a vortex water is pushed outwards. To be able to do so, this water has to repress other water. Because the walls of the tank are stable, the water can only give way by moving upwards. The higher in the column, the less water has to be pushed up, the easier the water can move aside. Therefore the tank enlarges at the top.