

Upside Down Water Glass



30
Thirty minutes



6 → 12
Six to twelve years



Equipment

1



Drinking glass

2



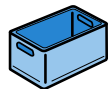
Water

3



Thick sheet of paper

4



Large container or sink



Upside Down Water Glass



Method

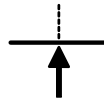
1



Fill



the glass



to the top



with water

2

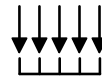


The glass

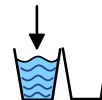


must

be



completely



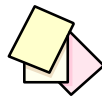
full

3



Place

the



paper



on top

of



the glass.

4



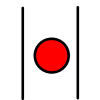
Make sure



there is no



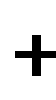
air



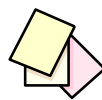
between



the water



and

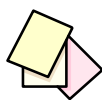


paper.

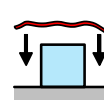
5



Make sure



paper



covers



the glass

6



Hold



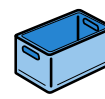
the glass



over

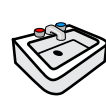


the large



container

or



sink.

7



An adult



should



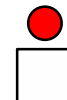
place



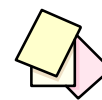
a



hand



over



the paper



Upside Down Water Glass



Method

10



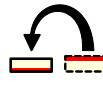
An adult



should



help

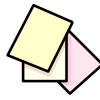


flip



the glass

11



The paper



should



stick

to



the glass

12



The water

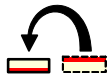


does not



spill

13



Flip



the glass.

14



Is

this



magic



or



science?



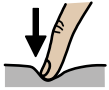
Upside Down Water Glass



Conclusion



Air



pressure



stop



the water



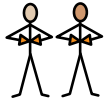
spilling



Air



around



us



pushes in



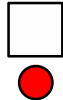
all directions



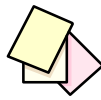
The air



pushes up



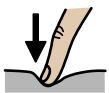
from under



the paper



Air



pressure



stops



the water



from pushing



the paper



down.



Safety



warnings

1



Supervise



young children

2



Caution



water



may



spill