

## Activity-45: Drinking water through a Pipe.

### Procedure:

Take a water pipe or an aquarium pipe which is clean and 35 feet in length.

Go to the 1<sup>st</sup> floor of a building and try sucking water in a glass in the ground floor.

Is it possible?

Go to the 2<sup>nd</sup> floor of a building and try sucking water in a glass in the ground floor.

Is it possible?

Go to the 3<sup>rd</sup> floor of a building and try sucking water in a glass in the ground floor.

Is it possible?

Go to the 4<sup>th</sup> floor of a building and try sucking water in a glass in the ground floor.

Is it possible?

### Questions:

You will observe that after the height of 3 floors (33 feet) of a building you will not be able to drink water in a glass using a straw no matter how hard you try. How is a plant able to suck water to a height of 50 feet to several hundred feet?

### Try to think.

