

HOW does a Galileo thermometer WORK?



you can tell the temperature in the room by reading the number on the gold tag attached to the lowest ball that is still floating.



Each ball is filled with the right amount of liquid so that they all weigh the same. But each one of the gold tags is slightly different.

AS the temperature in the room goes up, so does the temperature of the water around the balls.

AS the water changes temperature some of the balls will sink because of the change in density.