



# Delhi Public School Guwahati

"Under the aegis of the Delhi Public School Society, Delhi"

## PHYSICS SUMMER HOLIDAY HOMEWORK 2018-19

### **Class 6:**

Draw a curve line in your copy. Then measure it using a thread. Paste the thread in your copy and write the measurement of its length.

### **Class 7:**

Take equal quantities of water in 2 bowls of same size: one light and one black colored. Keep both the bowls out in the sun for half an hour.

Observe, water in which bowl gets heated faster and why? Repeat the same activity in shade and observe, water in which bowl cools down faster and why? Estimate the temperature by touching. Support your observations with pictures clicked by your camera. This activity needs to be done in physics copy.

### **Class 8:**

Diagrammatically show in your physics copy:

Liquids exert same pressure at same depth

Liquids pressure increases with depth

Liquids exert pressure on the walls of the container.

### **Class 9:**

Study and derive the equations of motion in A4 size paper.

### **Class 10:**

Complete and update the lab file.

Regards,

Ivy