**Physics Project Final Term 2016-17**

**Class 6B**

1. **Group 1 ( Roll 1 to 5) : Rolling Can.**
2. **Group 2 ( Roll 6 to 10) : Making of beam balance.**
3. **Group 3 ( Roll 11 to 15) : Making of spring balance.**
4. **Group 4 ( Roll 16 to 20) : Air Expands on heating.**
5. **Group 5 ( Roll 21 to 25) : Magnetic Car.**
6. **Group 6 ( Roll 26 to 30) : Heat fountain.**

**Additional project Making of Lift**

**Class 7A and 7B**

1. **Group 1 ( Roll 1 to 5) : Simple periscope.**
2. **Group 2 ( Roll 6 to 10) : Kaleidoscope.**
3. **Group 3 (Roll 11 to 15) : Bending of light.**
4. **Group 4 ( Roll 16 to 20) : Candle and carbon dioxide.**
5. **Group 5 ( Roll 21 to 25) : Motor Hovercraft.**
6. **Group 6 ( Roll 26 to 30) : Light travels through straight line.**
7. **Group 7 ( Roll 31 to 35 ) : Cartesian diver.**
8. **Group 8 ( Roll 35 to rest) : Surface tension**

**Class 8A**

 **1. Floating Pencil**

 **2. Conduction by salt water**

 **3. Wind generator**

 **4. Acid Battery**

 **5. Cloud in a bottle**

 **6. Air lifting by fan.**

 **7. Electric Bell**

 **8. Boat**

 **9. Electric circuit**

 **10. Magnetic lines of force through water.**

 **11. Floating Pencil**

**Detail for the principle and working will be discussed in class.**

**Students need to collect the materials and follow the procedure given in class in case of any difficulties please bring the materials for demonstration.**