

Physics Project First Term 2016-17

Class 6B

- 1. Group 1 (Roll 1 to 5) : Height Difference of water column makes flow faster**
- 2. Group 2 (Roll 6 to 10) : Fun Fountain Principal of siphon.**
- 3. Group 3 (Roll 11 to 15) : Balloon in bottle By creating partial vacuum.**
- 4. Group 4 (Roll 16 to 20) : Pencil spinner conversion of energy.**
- 5. Group 5 (Roll 21 to 25) : Candle bottle fountain By crating partial vacuum.**
- 6. Group 6 (Roll 26 to 30) : Puncturing balloon Without bursting. Property of rubber.**
- 7. Group 7 (Roll 31 to 35) : Electromagnetic levitation.**

Class 7A and 7B

- 1. Group 1 (Roll 1 to 5) : CD Hovercraft Air pressure lower the friction.**
- 2. Group 2 (Roll 6 to 10) : 3 Bottle fountain demo of air pressure difference.**
- 3. Group 3 (Roll 11 to 15) : Expansion of warm air.**
- 4. Group 4 (Roll 16 to 20) : Colour Mix.**
- 5. Group 5 (Roll 21 to 25) : Simple motor.**
- 6. Group 6 (Roll 26 to 30) : Sound required medium for propagation.**
- 7. Group 7 (Roll 31 to rest): Bottle and coin pump.**

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.