

## ANSWERS FOR ACTIVITIES ON Pg: 2, 3, 5.

## Page 2. ACTIVITY 1.

1. Friction is a force that opposes movement of objects in mo' contact.
2. - Viscosity friction, static friction, sliding/dynamic or rolling.
3. Viscosity friction.
4. - sharpening blunt objects; Writing on a paper using a pen.  
- Lighting a match stick;
5. Down hill friction force is less than friction uphill.
6. Static friction occur in stationary objects while rolling friction occurs in moving objects.

## Page 3. Activity 2

1. Due to less or reduced friction between the match stick and the match box.

2. Murrain increases friction on road surfaces.
3. Treads increase friction between the tyre and road surface.
4. Sand/ Sand soil particles.
5. - Making wet surfaces dry.  
- Putting spikes on sports shoes.  
- Making slippery or smooth surfaces rough.  
- Putting treads on tyres of bicycles, vehicles etc.
- 6(a). X - Spikes.  
b) Part X increases friction on the sports shoe.  
c) The boy will easily slide and fall down.

## Page 5. Activity 3.

1. These are substances used to reduce friction between parts of a machine.
2. Oil, Grease.
3. By oiling, By greasing.
4. Birds are streamlined to overcome/reduce friction in air.
5. - Ball bearings, Rollers.
6. Machines should be lubricated to reduce friction.

 Enjoy Science as it is everywhere. Go away and far from any chances to contract the Corona Virus.