

Answers to Activities:

- J.
1. The egg..
 2. Candle wax.
 3. Frictional force. Friction.
 4. Streamlining their bodies reduces viscosity since the air or fluids/liquids slides off the bodies.
 5. i) Frictional force. ii) Gravitational force.
iii) Inertia force. iv) Buoyancy/Uphrust force.
v) Buoyancy/Uphrust (iv) and (v))
 6. Lubricants will reduce the friction between the rubber brake pads and the wheel.
 7. Rollers and ballbearings reduce friction between moving parts of machines.

- K.
1. Frictional force, Gravity.
 2. Potential energy, Kinetic energy.
 3. Treads on tyres increase friction & prevent the vehicles from sliding.
 4. A dynamo lamp produces light
 5. - A biogas is used for lighting
- A bioenergy gas is used for cooking.
 6. Charcoal burning leads to loss of habitation for aquatic animals due to drought.
 7. Exo skeleton.
 8. Fish reproduces by means of laying eggs while whales give birth to live young ones.
 9. Plane joints.
A ball.
 - 10.