

TENDER HEART HIGH SCHOOL, SEC-33B, CHD

class: IV

Sub: Science

Topic: Friction

Date: 16.12.2024

Good morning students

This is the notebook work of
ch-Friction and is being presented
to you on 16.12.2024
Ch-12
Friction

Q1 What is friction?

Ans Friction is the force that opposes
the motion of the body.

Q2 Give some examples where friction
is useful.

Ans We can walk, run or hold things
because of friction.

Q3 Which type of surfaces have more
friction? Give examples.

Ans Rough surfaces have more friction.
e.g. sand.

Q4. How would you reduce noise produced in a machine while it works?

Ans Oiling, lubricating or greasing the machine reduces friction and so it will make less noise while working.

Q5. Why do two-wheelers often skid on roads during rainy season?

Ans In rainy season, friction reduces on wet roads, so two wheelers skid on road.

Q6. List some harms caused due to friction.

Ans Friction causes wear and tear of shoes, tyres machine parts and also produces heat and noise in moving parts of machines.

Think zone

Q1. Why are tyres of all vehicles made with grooved design?

Ans. Tyres of vehicles are made with grooved design so as to increase friction.

Q2. The shoes of athletics have extra rubber spikes on the soles why?

Ans. shoes of athletics have extra rubber spikes on the soles so as to increase friction.