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Affiliated to CBSE – New Delhi.

**Work sheet-2**

**EVALUATION-1/ FIRST EXAM, 2019-20**

**Subject: Science**

**GRADE: V**

1. Identify the actions as ***Push*** or ***Pull.***
i) Lifting a bucket of water: \_\_\_\_\_\_\_\_\_\_\_

ii) Kicking a football: \_\_\_\_\_\_\_\_\_\_

iii) Pushing a desk along the floor: \_\_\_\_\_\_\_\_\_\_

1. State whether the force applied is changing the ***shape*** or the ***motion*** of the object.



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1. Why does a ball throw up in the air falls on the ground?

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1. Put a tick on the picture where you think work is being done. Put a cross on those where you think no work is being done? Give reasons.



 A B C D

A:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_B:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_C:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Force is applied to break a stick. What change is force causing in the stick?

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1. What are some ways to reduce friction?

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1. How does the property of water, being a universal solvent help us in:



 Washing clothes Making Tea

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1. Carbon dioxide dissolves easily in water. How is it useful for us?

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1. Identify the force in the picture.


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1. How does the friction help the following activities?
i) Car to stop: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ii) Luggage to roll: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iii) Carrom coin to slide: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How does the shape of the fish help them to swim?

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1. How does the force of friction change with increase in:

A: Area in contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mass of object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Water is rarely found in pure form. Why?

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1. Why are water storage tanks that supply water to colonies made at a height?

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1. How can we change the shape of an object? Write three examples.

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1. Why do traffic police control the speed of the vehicles during rain?

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1. The horses are pulling a sphere in two directions. When will the horses not be able to move the sphere in their direction?



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1. How is the force of friction different from magnetic force?

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1. Why does a big ship, made of iron, float on water but a coin sinks?

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1. Where will the force of water be more? Why?



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