Subject : Science

Week : 1st of 2nd Term

Grade 7

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Unit 07

Forms of energy and their uses (1)

01. Fill in the blanks using suitable words

We do various …….. in our day to day life …….. and …….. also do works. Not only them but machines also do work is …….. necessary for doing these works.

(Energy, work, animals, man)

02. Mark "V" for true statements and mark "X" for false statements

i. Work is done when stretching a rubber band [ ]
ii. 2. Energy is not spent when swinging a swing [ ]
iii. 3. Work isn't done when a stone is kept at rest [ ]
iv. 4. Work is done when a stone is moving [ ]
v. 5. Work is done when a vehicle is at rest [ ]

03. i) Energy is ……

……

ii) The standard international unit of …….. and the symbol of it is ……..

04. Complete following table.

Instrument	The form of energy given to it	The form of energy produced by it
1. Electric torch		
2. Winding clock		
3. Bicycle dynamo		
4. Electrical fan		

05. Write forms of energy you know.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

06. i) what is called kinetic energy?

1. _____
2. _____
3. _____

ii) Give example for applications of kinetic energy.

1. _____
2. _____
3. _____
4. _____
5. _____

iii) Mention 3 instance where electricity is produced using kinetic energy?

_____
_____
_____