

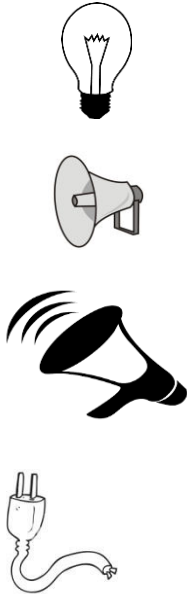
SRI KANCHI MAHASWAMI VIDYAMANDIR
ENERGY

CLASS:V

TASK : 1

Find the words in the grid.

ENERGY FORM



G	R	A	V	I	T	A	T	I	O	N	A	L
C	K	P	Z	C	H	Z	J	C	O	M	E	R
H	I	D	P	J	E	M	I	D	X	A	L	K
E	N	L	L	K	R	T	N	K	E	G	A	P
M	E	O	L	A	M	M	S	C	O	N	S	N
I	T	N	B	N	A	N	O	A	L	E	T	J
C	I	K	G	M	L	R	U	X	L	T	I	N
A	C	N	B	N	M	N	N	A	L	I	C	J
L	I	K	G	M	U	R	D	X	I	C	J	N
K	M	N	U	C	L	E	A	R	G	Y	T	D
Y	B	B	A	V	J	U	P	E	H	I	X	J
N	L	L	J	T	Z	W	N	N	T	Z	L	G
E	L	E	C	T	R	I	C	A	L	R	J	B

LIGHT	ELASTIC
ELECTRICAL	NUCLEAR
SOUND	GRAVITATIONAL
CHEMICAL	MAGNETIC
KINETIC	THERMAL

**SRI KANCHI MAHASWAMI VIDYA MANDIR
ENERGY**

CLASS:V

TASK : 2

PLANET	MEAN RADIUS	MEAN DIAMETER	RADIUS TO NEAREST 1000 KM
Mercury	2440		
Venus	6052		
Earth	6371		
Mars	3390		
Jupiter	69911		
Saturn	58232		
Uranus	25362		
Neptune	24622		

- 1) Fill in the mean diameter of each planet by using the radius. The mean diameter is twice the mean radius.
- 2) Round each radius to the nearest 1000 km and fill in the column on the right hand side.
- 3) Write the planets in order, from smallest to largest below.

- 4) How much larger is the radius of Saturn than the radius of Earth?
- 5) How much smaller is the radius of Mars than the radius of Neptune?
- 6) What is the total radius of the three largest planets?
- 7) Circle the correct answer.

The radius of Jupiter is about _____

- a) 2 times b) 5 times c) 10 times d) 20 times

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ENERGY

CLASS:V

TASK : 5

**RENEWABLE AND NON-RENEWABLE
ENERGY
CROSSWORD**



Across

Down

5) Nuclear power stations use this material to generate electricity

7) Obtained from trees and is burnt to generate light and heat

10) An energy source that uses moving water to spin a turbine

11) An energy source which is a liquid formed from fossilised animals

13) Light energy is captured by these and converted into electricity

1) Crude oil, coal and gas are all an example of

2) These convert the kinetic energy of the wind into electricity

3) An energy source which will run out

4) An energy source that uses heat below the Earth's surface to produce steam to spin a turbine

6) This energy source is trapped under the earth's surface and contains methane

8) An energy source which will run out

9) This energy source is generated from decaying plant or animal waste

12) An energy source formed from fossilised plants

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CLASS:V

TASK : 3

தலைப்பு: சக்தி / ஆற்றல்

நீர்மின் சக்திப் பற்றிய படத்தை உற்று நோக்கி, இதில் உள்ள பயன்கள் என்ன என்பதை எழுதுக.



சாண எரிவாயு பயன்படுத்துவதால் ஏற்படும் நன்மைகள் மற்றும் தீமைகள் பற்றி எழுதுக.



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ENERGY

CLASS: V

TASK 4

I. सार ऊजा को किन्हो चार उपयागा क बार म लिखिए।



1. _____

2. _____

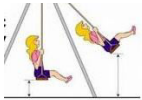
3. _____

4. _____

II. सहो मिलान कोजिए।



स्थितिज ऊजा



यात्रिक ऊजा



गतिज ऊजा



विद्युत ऊजा