

SRI KANCHI MAHASWAMI VIDYA MANDIR

ENERGY

CLASS : IV

TASK : 1

I. COMPREHENSION:

Extra-curricular activities are essential for the all-round development of a student that he should participate in one or the other activity. There are many extra-curricular activities. Some of them are debate, painting, music, dance, singing, poem recitation etc. Mere classroom studies make it boring and, monotonous and students need some outlet for their energies

1) Choose the correct answer and fill in the blanks.

i. _____are important for the all-round development of a student fear shyness extra- curricular activities

ii. Extra-curricular activities include _____.

debate and painting dance and music all of these

Write the names of the foods.



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TASK : 2

Students of class IV wants to know about the different types of energy. To identify the energy Add or Subtract or Multiply and match the letter with the answer. Find the letter in the boxes to write the names of the energy given below. One has been done for you.

T 13965	A 89502	I 27877	S 619592	L 295034
<u>+ 26828</u>	<u>- 29469</u>	<u>+ 89657</u>	<u>- 34816</u>	<u>+ 196875</u>
_____	_____	_____	_____	_____

H 10000	G 30059	U 30059	M 28976	N 35760
<u>- 4695</u>	<u>- 27586</u>	<u>+ 18975</u>	<u>X 6</u>	<u>X 6</u>
_____	_____	_____	_____	_____

E 77598	R 30961	O 98910	C 49522	D 82751
<u>+ 28823</u>	<u>X 7</u>	<u>- 83921</u>	<u>X 9</u>	<u>X 5</u>
_____	_____	_____	_____	_____

T						
40,793	5,305	1,06,421	2,16,727	1,73,856	60,033	4,91,909

N						
2,14,560	49,034	4,45,698	4,91,909	1,06,421	60,033	2,16,727

L				
4,91,909	1,17,534	2,473	5,305	40,793

H			
5,305	1,06,421	60,033	40,793

S				
5,84,776	14,989	49,034	2,14,560	4,13,755

S				
4,91,909	14,989	4,91,909	60,033	2,16,727

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TASK : 5

1. Most activities involve one form of energy being _____ to another form.
2. When energy transformations occur _____ energy is always produced.
3. The Law of Conservation of Energy states that energy cannot be created or _____.
4. Complete the chart for energy transformations that occur in different devices.

Device	Starting Energy	Changes to...
Battery	a.	Electrical energy
Clothes dryer	Electrical energy	b.
Car engine	Chemical energy	c.
Fireplace	d.	Heat Energy
Fan	Electrical energy	e.
Drum	f.	Sound energy

5. What is the energy transformation that occurs in a ceiling fan?
a) electrical to chemical
b) mechanical to electrical
c) electrical to mechanical
d) mechanical to thermal
6. What energy transformation is occurring in a campfire
a) chemical to thermal
b) Chemical to mechanical and thermal
c) chemical to light and thermal
d) thermal to light
7. What energy transformation occurs in a green plant on a sunny day
a) light energy to mechanical energy
b) light energy to chemical energy
c) chemical energy to light energy
d) chemical energy to mechanical energy
8. What energy transformation occurs when you rub your hands together?
a) mechanical energy to heat energy
b) chemical energy to heat energy
c) mechanical energy to chemical energy
d) heat energy to mechanical energy
- 9) Stored energy is
a) friction
b) kinetic energy
b) potential energy
d) gravitational energy
- 10) Which type of energy is contained in a tank of gasoline?
a) chemical
b) mechanical
c) electrical
d) thermal

தலைப்பு: சக்தி / ஆற்றல்

விறகு அடுப்பு மற்றும் எரிவாயு அடுப்பு இவற்றிற்கு இடையே உள்ள மாற்றத்தை உணர்ந்து உனக்குத் தெரிந்த ஏதேனும் ஐந்து வரிகளில் எழுதுக.



காற்றாலை மின்சாரம் தயாரித்தலைப் பற்றியும், இவை எந்த மாவட்டத்தில் அதிகம் தயாரிக்கப்படுகின்றன என்பதையும், இதன் பயன்களையும் கண்டறிந்து எழுதுக.



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ENERGY

CLASS: IV

TASK : 4

I. दिए गए चित्र का ऊजा क पकारा स मिलाइए।



पवन चक्को



हाइडा प्लाट



ऊष्मोय ऊजा



ऊष्ण ऊजा



यात्रिक ऊजा

II. दिए गए चोजा म स जा चोज ऊजा स सबधित नहो ह, उस चोज पर गाला लगाइए।

