



# 7-8 YEARS | WEEK 30

## Science - Physics Concepts

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1. Float or sink

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2. Soluble or insoluble

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3. Environment - Alternative energy

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4. Force - Vocabulary

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5. Unscramble - Force

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6. Identify and write - Forms of energy

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7. Magnetic or non-magnetic

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8. Magnet - Vocabulary

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9. Unscramble - Magnet

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10. Magnetic or non-magnetic

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11. Magnet - Crossword

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12. Attract or repel?

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13. Activity game - Magnet grid

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14. Activity game - Magnet grid

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15. Describe the attributes - Objects

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16. Match - Objects to their properties

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17. Materials - Properties of materials

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18. Materials - Types of materials

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19. Materials - Sink or float

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20. Natural resources - Minerals



## FLOAT OR SINK

See the object with water in bowl or glass. Observe does it float on surface or sink at the bottom.

FLOAT

SINK



# SOLUBLE or INSOLUBLE



Mix the given object in water and give it a good stir. Does it get mixed well to the point that you can't find the object? Or can you still see it after mixing?



SAND

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FLOUR

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PAINT

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OIL

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MILK

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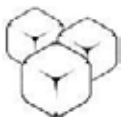
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ICECREAM

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ICE CUBES

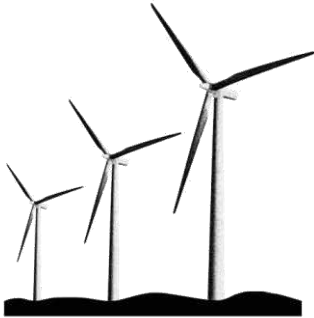
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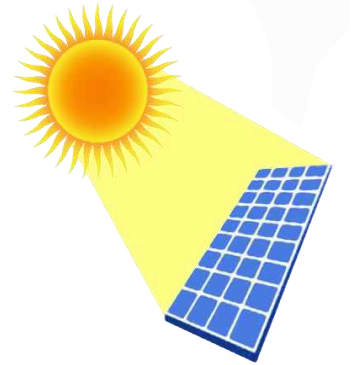
# S: Environment - Alternative energy



Alternative energy sources are those which do not use up the earth's natural resources. These are energy sources that are renewable which are naturally replenished. Find some of the alternative energy sources from the word search given below and complete the sentences.



y	a	e	e	p	t	e	t	i	i
s	h	e	n	u	s	n	p	l	p
w	a	t	e	r	i	u	d	h	g
i	g	s	r	j	k	c	n	u	m
n	p	a	g	a	s	l	i	m	x
d	t	w	y	c	e	e	w	b	o
o	p	l	n	y	h	a	s	e	n
g	e	o	t	h	e	r	m	a	l
a	g	s	b	o	c	e	b	n	i
s	e	t	t	o	h	i	f	h	e



## Clues

1. Solar energy is generated by \_\_\_\_\_.
2. Hydro energy is generated by flowing \_\_\_\_\_.
3. Electricity is generated by windmill using \_\_\_\_\_.
4. Nuclear \_\_\_\_\_ is released from an atom. Energy
5. Geothermal energy is generated by heat produced from the \_\_\_\_\_.
6. Biogas Energy is released by breaking down of organic \_\_\_\_\_.



Answer Key: 1. Sun, 2. Water, 3. Wind, 4. Energy, 5. Earth, 6. Waste

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