



Energy Jumble

Materials Needed

- Pencils
- Balloons
- Sharp object (tack or button)
- Energy jumbles and answer key

Energy Jumble Team Play

Each team tries to solve three *Energy Jumbles*. For every three words unscrambled, the team earns one energy buck.

Get Ready

1. Enclosed you will find eight *Energy Jumbles*. Based on the grade level of students playing the game, choose three appropriate *Energy Jumbles*.
2. Each jumble is a half page in length. Make copies of the pages and cut them in half. Each team should have its own set of three jumbles.
3. To add some fun and excitement to the game, roll each *Energy Jumble* as tightly as you can and insert each into a large balloon. Color-code the balloons according to the jumble's difficulty level.

Get Set

1. Each *Energy Jumble* contains four scrambled words and an energy clue to find a fifth word at the bottom of the page. The fifth word on each page is found by using designated letters from the unscrambled words and the energy clue.
2. *Energy Jumble* is played exactly like the jumbles found in a newspaper. First, students unscramble the top four words. Then, using the letters with dots underneath, they solve the final word. The clue may help with this word. If the fifth word is solved sooner, it may be helpful in solving the remaining scrambled words.
3. One or two designated players from each team will toss the balloons and attempt to pop them on a sharp object that you have set up 5-8 feet away. A pin-on button, with the pin bent to point straight up, works well as the target.

Go!

Give these instructions to the carnival team:

1. You will have five minutes to solve three *Energy Jumbles*. But, the jumbles are trapped inside these balloons! Pop the balloons by tossing them at the pin. Once you pop the balloons unscramble the top four words. Then, using the letters with dots underneath, solve the fifth word. Each *Energy Jumble* has an energy clue to help you solve the last word.
2. Your team will receive one energy buck for every three words that you correctly unscramble, or five energy bucks if all 15 words are unscrambled successfully.
3. Who wants to toss the balloons? As soon as a balloon pops, the rest of you will begin working on the first *Energy Jumble*. Are there any questions?

Energy Jumble Individual Play

Each player tries to solve one *Energy Jumble*. For each word correctly unscrambled, the player earns one energy buck with a total earning potential of five energy bucks.

Get Ready

1. Enclosed you will find eight *Energy Jumbles*. Based on the grade level of the individual playing the game, choose a few appropriate *Energy Jumbles*.
2. Each jumble is a half page in length. Make copies of the pages and cut them in half. Each player should have his or her own jumble.
3. To add some fun and excitement to the game, roll each *Energy Jumble* as tightly as you can and insert each into a large balloon. Color-code the balloons according to the jumble's difficulty level.
4. Collect each player's *Energy Jumble* coupon.

Get Set

1. Each *Energy Jumble* contains four scrambled words and an energy clue to find a fifth word at the bottom of the page. The fifth word on each page is found by using designated letters from the unscrambled words and the energy clue.
2. *Energy Jumble* is played exactly like the jumbles found in a newspaper. First, students unscramble the top four words. Then, using the letters with dots underneath, they solve the final word. The clue may help with this word. If the fifth word is solved sooner, it may be helpful in solving the remaining scrambled words.
3. The player will toss the balloon and attempt to pop it on a sharp object that you have set up 5-8 feet away. A pin-on button, with the pin bent to point straight up, works well as the target. After the balloon is popped, the student can start solving the jumbles.

Go!

Give these instructions to the player:

1. You will have 90 seconds to break this balloon, retrieve, and solve one *Energy Jumble*. The jumbles are exactly like the jumbles you see in your newspaper. First, unscramble the top four words. Then, using the letters from the unscrambled words with dots underneath, solve the fifth word. The *Energy Jumble* has an energy clue to help you solve the last word. If you think you can solve the fifth word first, it's okay to do so. It may help you solve one or all of the remaining jumbled words.
2. You will receive one energy buck for every word that you correctly unscramble, or five energy bucks if all five words are unscrambled successfully.
3. Before you can solve the jumbles, you have to stand here and toss the balloon and pop it on that pin. As soon as the balloon pops, you can begin working on the first *Energy Jumble*. Are there any questions?



Energy Jumble Answers

ENERGY JUMBLE 1

THERMAL
METHANE
GASOLINE
TURBINE

I save energy when I'm properly set.
THERMOSTAT

ENERGY JUMBLE 2

URANIUM
CONSERVATION
KILOWATT
PHOTOVOLTAIC

Heat has trouble coming and going when I'm around.
INSULATION

ENERGY JUMBLE 3

PROPANE
BIOMASS
URANIUM
LIGHT

I like to be used over and over again for beverages.
ALUMINUM

ENERGY JUMBLE 4

DAM
PIPELINE
SUN
POWER

When the sun heats the Earth unevenly, I am created.
WIND

ENERGY JUMBLE 5

WOOD
ENERGY
COAL
GARBAGE

Use my energy once, I'll still be around, because I'm...
RENEWABLE

ENERGY JUMBLE 6

GAS
ELECTRIC
BURN
SOLAR

Being a gas is easy, because I'm a...
NATURAL

ENERGY JUMBLE 7

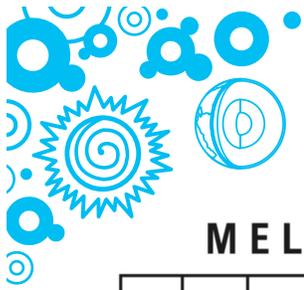
ENVIRONMENT
GEOTHERMAL
EFFICIENCY
ENERGY STAR

It's not cool that I use the most energy in the kitchen.
REFRIGERATOR

ENERGY JUMBLE 8

BULB
MAGNET
PLUG
KINETIC

I'm a unit of light output; I'm pretty bright.
LUMEN



ENERGY JUMBLE 1



MELTRHA

--	--	--	--	--	--	--

TNMEHEA

--	--	--	--	--	--	--

ANOIGELS

--	--	--	--	--	--	--	--

UBNTER I

--	--	--	--	--	--	--	--

I save energy when I'm properly set.

--	--	--	--	--	--	--	--	--	--



ENERGY JUMBLE 2



AIUURMN

--	--	--	--	--	--	--

ANITREVOSNOC

--	--	--	--	--	--	--	--	--	--	--

TOWITALK

--	--	--	--	--	--	--	--

TCAOIVOOHPL

--	--	--	--	--	--	--	--	--	--	--

Heat has trouble coming and going when I'm around.

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ENERGY JUMBLE 3



A P E O N R P

--	--	--	--	--	--	--

A S O B M I S

--	--	--	--	--	--	--

M N U I R U A

--	--	--	--	--	--	--

I T G L H

--	--	--	--	--

I like to be used over and over again for beverages.

--	--	--	--	--	--	--	--



ENERGY JUMBLE 4



A D M

--	--	--

E E P I N I P L

--	--	--	--	--	--	--	--

N S U

--	--	--

R O W P E

--	--	--	--	--

When the sun heats the Earth unevenly, I am created.

--	--	--	--



ENERGY JUMBLE 5



D O W O

--	--	--	--

Y E R G E N

--	--	--	--	--	--

L O C A

--	--	--	--

B R A G G E A

--	--	--	--	--	--	--

Use my energy once, I'll still be around, because I'm...

--	--	--	--	--	--	--	--	--



ENERGY JUMBLE 6



S G A

--	--	--

C L C I R E E T

--	--	--	--	--	--	--	--

N R U B

--	--	--	--

O R S A L

--	--	--	--	--

Being a gas is easy, because I'm a ...

--	--	--	--	--	--	--



ENERGY JUMBLE 7



NETRINVOMNE

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

RETOMEGLAH

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FYCINEICFE

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

RETNSAGREY

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

It's not cool that I use the most energy in the kitchen.

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ENERGY JUMBLE 8



BLBU

--	--	--	--	--

ETAMNG

--	--	--	--	--	--	--	--

GPUL

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NITCEKI

--	--	--	--	--	--	--	--

I'm a unit of light output; I'm pretty bright.

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