



Energy Jumble

Each team works together to unscramble two energy jumbles.

Materials Needed

- Balloons—Two Colors
- Circular Button With Pin
- Answer Key (page 31)
- Energy Jumbles (pages 32-33)
- Pencils
- Tape

Get Ready

1. Choose two energy jumbles, make copies, and cut them apart.
2. Roll up the jumbles, stuff them inside the balloons, and blow up the balloons. Each jumble should be stuffed inside a different colored balloon. Prepare one set of jumbles for each round.

Get Set

Depending on the ability level of the group, mark a tossing line on the floor with tape. To pop the balloons, tape a circular button on the table (bending the pin so that it points straight up).

Go!

Give these instructions to the carnival team:

1. You have five minutes to unscramble two energy jumbles. The jumbles are inside these balloons. Each balloon contains a different jumble.
2. Choose a team member to toss the first balloon onto the pin to pop it. Team members can take turns tossing and retrieving the balloons until both balloons are popped. As each balloon is popped, team members can begin unscrambling the words. You will receive one energy buck for each word you unscramble.



Energy Jumble Answer Key

#1 Nonrenewable

A G S
G A S

O A C L
C O A L

L O I
O I L

#2 Renewable

N S U
S U N

T W E A R
W A T E R

N W D I
W I N D

#3 Electricity

W R P E O
P O W E R

O T A M
A T O M

N E L I
L I N E

#4 What Does Energy Do for Us?

E T H A
H E A T

T N O M I O
M O T I O N

R W O G
G R O W

#1 Nonrenewable Energy Sources

A G S

--	--	--

O A C L

--	--	--	--

L O I

--	--	--

#2 Renewable Energy Sources

N S U

--	--	--

T W E A R

--	--	--	--	--

N W D I

--	--	--	--

#3 Electricity

W R P E O

--	--	--	--	--

O T A M

--	--	--	--

N E L I

--	--	--	--

#4 What Does Energy Do for Us?

E T H A

--	--	--	--

T N O M I O

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

R W O G

--	--	--	--



Top Three

Each team works together to give the top three answers to several energy questions.

Materials Needed

- Question and Answer Sheet (page 35)
- Four Sets of **TOP THREE** Cards (pages 36-37)

Get Ready

1. Using the sample questions, or your own questions, assemble four sets of **TOP THREE** cards on different colored paper.
2. Write the energy questions on the reverse side of the **TOP THREE** cards.
3. Write the answers on the reverse side of the appropriate **NUMBER** cards.

Get Set

Place the cards on the table with the questions and answers facing down.

Go!

Give these instructions to the carnival team:

1. You have five minutes to give me the top three answers for each of the questions.
2. This game is like Family Feud. I'll ask you an energy question, and your team must give me the top three answers. You can give me the answers in any order.
3. When your team gives me a correct answer, I'll turn the card over. You are only allowed one wrong answer in each category. If you answer incorrectly more than once, we will move on to the next category. You will receive two energy bucks for each category you get all three answers correct.
4. If you are ready to start, I will turn over the card with the first question.



Top Three Questions

- 1. Name the top three things kids should recycle to save energy.**

1. *aluminum cans*
2. *paper*
3. *glass*

- 2. Name the top three fossil fuels.**

1. *petroleum or oil*
2. *coal*
3. *natural gas*

- 3. Name the top three renewable energy sources you find at the beach.**

1. *solar (sun)*
2. *hydropower (water, tidal, or wave)*
3. *wind*

- 4. Name the top three ways kids can save energy at home.**

1. *turn off the lights*
2. *turn off the TV, radio, or other video games*
3. *save hot water*

- 5. Name the top three ways energy from the sun helps us.**

1. *light*
2. *heat*
3. *energy to grow plants*

TOP THREE

ONE

TWO

THREE