## HYDROGEN BINGO

- A. Knows the atomic number of hydrogen
- B. Knows the percentage of U.S. energy consumption supplied by renewables
  - ables fine distributed G Knows a

D. Can define energy carrier

- E. Knows what a fuel cell is
- F. Can define distributed generation
- G. Knows a process that separates water into hydrogen and oxygen

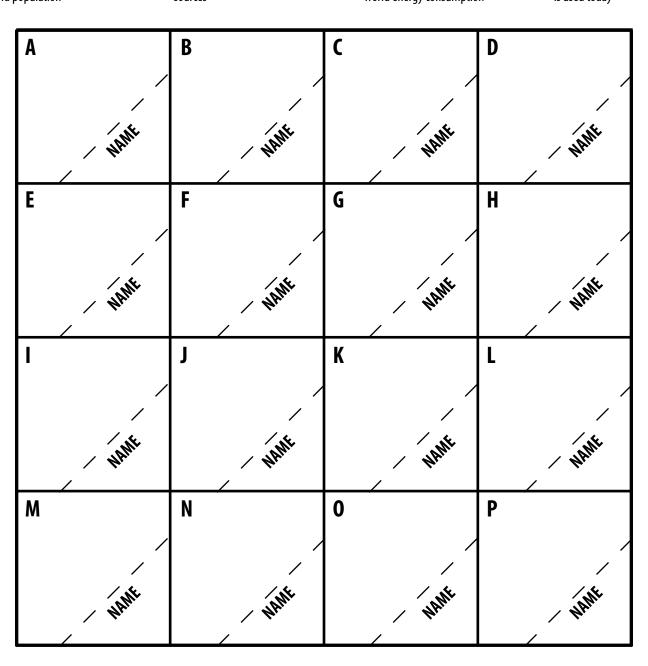
energy in the sun's core

Knows the process that produces

H. Knows the number of neutrons in a hydrogen atom

- I. Knows in what form energy from the sun travels to the Earth
- J. Can name four renewable energy sources
- Knows the percentage of U.S. energy consumption supplied by fossil fuels
- L. Knows the top energy carrier used in the U.S.

- M. Knows the U.S. percentage of world population
- N. Can name four renewable energy sources
- . Knows the U.S. percentage of world energy consumption
- P. Can name two ways hydrogen is used today



## HYDROGEN BINGO

## **ANSWERS**

Knows the atomic number of A. hydrogen

Knows what a fuel cell is

E.

- В. Knows the percentage of U.S. energy consumption supplied by renewables
- Can define distributed generation
- Knows a process that separates water into hydrogen and oxygen

energy in the sun's core

Knows the process that produces

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D. Can define energy carrier

- Knows in what form energy from I. the sun travels to the Earth
- Can name four renewable energy sources
- H. Knows the number of neutrons in a hydrogen atom

Knows the top energy carrier

- Knows the U.S. percentage of world population
- Can name four renewable energy
- Knows the percentage of U.S. energy consumption supplied by fossil fuels
- Can name two ways hydrogen

used in the U.S.

- 0. sources
- Knows the U.S. percentage of world energy consumption is used today

Α	В	С	D
the atomic number for hydrogen is 1	renewables supply about 9 percent of U.S. energy consumption	FUSION of hydrogen into helium produces energy in the sun's core	a system or substance that moves energy from one place to another
E	F	G	Н
a device that uses chemical reaction to produce electricity - a battery	distributed generation is electricity produced near the site of the consumer	ELECTROLYSIS separates water into hydrogen and oxygen	no neutrons in a simple hydrogen atom (deuterium and tritium isotopes have neutrons)
I	J	K	L
energy from the sun travels to Earth in the form of radiant energy	renewables: solar, wind, hydropower, biomass, geothermal	fossil fuels supply almost 83 percent of total U.S. consumption	electricity is the top energy carrier in the U.S.
М	N	0	Р
the U.S. contains 4.49 percent of total world population	nonrenewables: petroleum, natural gas, propane, coal, uranium	the U.S. accounts for 16 percent of total world energy consumption	used by industry for refining, treating metals, and processing foods; to fuel small hydrogen fuel cells to produce electricity; hydrogen fueled vehicles