

# Energy Baseball

This in-class game is a comprehensive review of Power Sources and Conservation materials.

Tell students that they are going to review their knowledge of power sources and conservation by playing "energy baseball."



## Rules of the Game

- Divide the class into two teams. Explain that everyone on each team gets a turn at bat and they will be answering questions to hit a single, a double, a triple or a home run. Singles questions are easier and count less than doubles, doubles are easier and count less than triples, and so on. Each wrong answer is an "out," and after three outs the other team takes a turn at bat.
- Draw a baseball diamond on the chalkboard. Advance players around the bases with chalk marks on the board, or use some other marker taped onto the board.

When a player comes to bat and answers a question correctly, advance him or her to first, second, or third all the way around the bases depending on whether the question was for a single, double, triple or home run. When a batter misses a question, record an out and do not advance any players on base; they advance only when another player gets a hit and advances to the next base. Score one run for the team at bat each time a player reaches home.

- Either choose the type of question for each batter (single, double, triple etc.) or allow the batter to choose, or have the batter randomly draw questions.

Note: An alternative way of playing this game is to simply alternate asking questions to each team and award points for each right answer: 1 point for singles, 2 points for doubles, 3 points for triples, and 4 points for a home run.

## Singles

1. What country uses the most energy?
2. For what purpose do we use the most energy in our homes?
3. What kind of fuel provides most of our energy?
4. What energy source do we burn to make most of our electricity?
5. What fossil fuel is gasoline made from?
6. Where can people get free or low-cost advice about saving energy at home?
7. What energy source heats more than half our homes?
8. What is the name for energy sources that can be used over and over without being used up?
9. Where do fossil fuels come from?
10. Do most new home appliances today use more or less energy than older ones?
11. What is the recommended summer temperature to conserve energy in your home?
12. What is the name for energy sources that are gone once we use them?
13. What is one way that industries have cut their energy use?

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## Doubles

1. What is the cleanest-burning fossil fuel?
2. How many trees are saved by recycling a daily newspaper every day for a year?
3. What are the recommended daytime and nighttime temperatures for homes in winter?
4. How long would your color television run on the energy saved by recycling a soft-drink can?
5. Why did Americans get in the habit of using lots of energy long ago?
6. Name two energy sources that might provide lots of clean energy in the future.
7. What are scrubbers?
8. Name four materials that can be recycled.
9. Why don't we use much solar power today?
10. How much of our country's energy do American industries use?

## Triples

1. Name the three fossil fuels.
2. Name three renewable energy sources.
3. Name three nonrenewable energy sources.

## Home Runs

1. Name two reasons why is it important to save energy
2. What are the four main ways Americans use huge amounts of energy?
3. Name five ways that saving energy helps us.
4. What are five things you can do to save energy?
5. Where are three things your parents can do to save energy?
6. What are four things the government can do to save energy and help the environment?
7. What are three things industry can do to save energy and help the environment?

