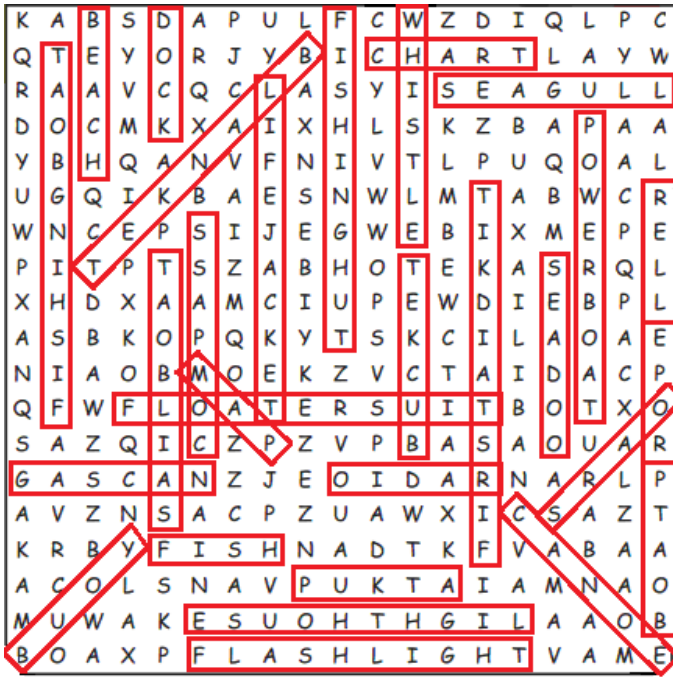


Activities answer key

Word Search



Can you spell Energy efficiency?

1. Efficiency
2. Sweater
3. Fluorescent
4. Solar
5. Alternative
6. Computer
7. Biofuels
8. Previously
9. Reduce
10. Recycle

Coins in the piggy bank

Pennies: 25
 Nickels: 9
 Dimes : 11
 Quarters : 8
 Loonies : 4
 Toonies : 1

Total: \$8.80

All about Energy

Across

1. Thermometer
2. Bus
3. Trees
4. Coal
5. Recycling
6. Conservation
7. Celsius
8. Ethanol

Down

1. Turbine
2. Electricity
3. Renewable
4. Solar
5. Green
6. Reduce
7. Carpool
8. Clothes

Crack the Code

Turn the volume down on your headphones or ear buds
 It becomes healthier and relaxed

Interesting

1. \$13.25
2. \$13.26

3. a. \$1.00
b. \$55
c. First year : \$110
Second year: \$257.25

Quiz on science and innovation in agriculture

1. *c) Frozen foods*

Frozen foods were an instant success when a Canadian decided to freeze fresh strawberries and raspberries and sell them at Christmas. Before frozen foods, fresh food would have to be purchased almost every day. Today, thanks to microwave ovens, the frozen food sector in Canada is a multi-million dollar industry.

2. *c) All of the above*

All these products contain corn or corn by-products. Scientists are always looking for new ways to use crops to help farmers diversify their activities and increase their profits.

3. *b) There is wool at the core of a baseball*

Baseballs have about 50 meters of wool in their core.

4. *b) 1,000*

About 1,000 times, more or less. Any cow that burps 123,000 times a day is probably going to explode. Methane is a big component of cow burps and is one of the greenhouse gasses that contribute to global warming. Scientists are testing different diets to reduce the methane emissions from animals.

5. *b) 2,500*

Corn is used in the production of about 2,500, or 25 per cent, of the products found in supermarkets. It is found in tacos and corn chips as well as in non-food items like glue, toothpaste, cosmetics, paper and diapers.