

Name(s) _____

Mineral Mania Visit the Earth Science section of the Kid Zone at the Science Spot (<http://sciencespot.net>) to find the answers to these questions

Site: Mineral Uses

1. Based on current consumption, it is estimated that you - and every other person in the United States - will use more than a million pounds of rocks, minerals and metals during your lifetime. How many pounds of the following will you use?

<u>800</u> Lead	<u>750</u> Zinc	<u>1500</u> Copper	<u>3600</u> Aluminum
<u>32,000</u> Iron	<u>27,000</u> Clays	<u>28,000</u> Salt	<u>1,000,000</u> Stone, sand, & gravel

2. Match each resource to its best use(s).

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|--------------------|---|
| <u>D</u> Aluminum | A. Used to make "copper" pennies, brass, and nails |
| <u>K</u> Antimony | B. Used to make fertilizer, paper, film, matches, tires, and drugs |
| <u>E</u> Beryllium | C. Used to make phosphate fertilizer and is found in soft drinks |
| <u>F</u> Coal | D. Most abundant element used to make containers and deodorants |
| <u>G</u> Copper | E. Found in metal alloys for air crafts as well as emeralds |
| | F. Used to produce 56% of electricity in the US |
| | G. Used to make electrical wires, brass, bronze, coins, plumbing, and jewelry |
| | H. Used to make screwheads, brass points, and knives |

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