Science

Level: Standard 2

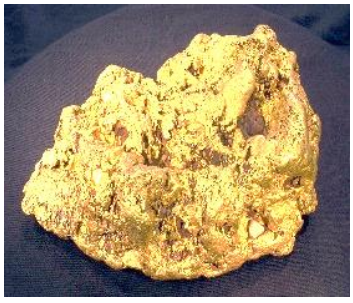
Strand: Form and function

Topic: Importance of Minerals

Key Points:

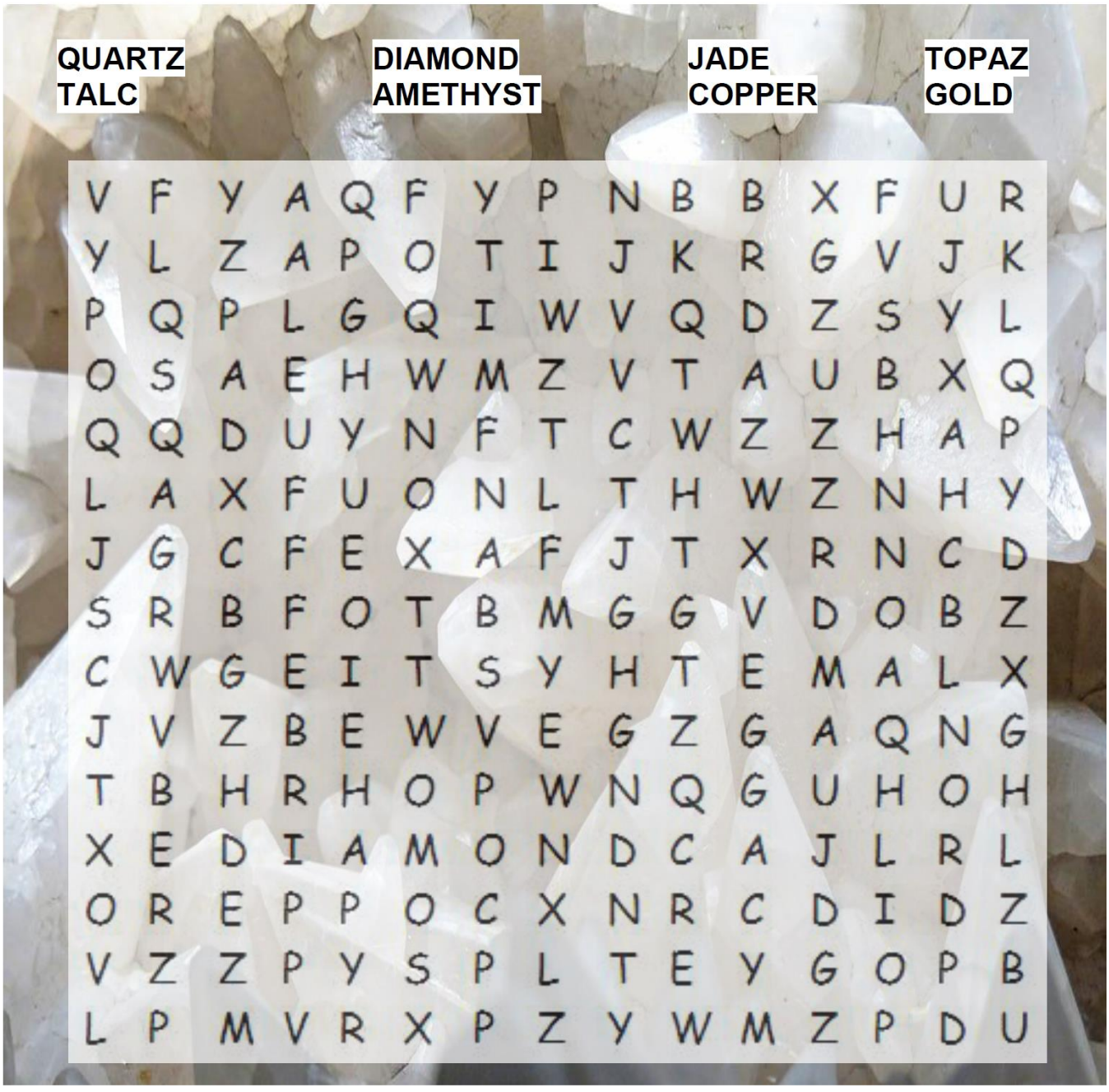
- Minerals are substances that are formed naturally in the earth, which when used up, cannot be replaced.
- Minerals can be found throughout the world below the earth's surface and usually in small amounts.
- Miners are people who dig these minerals out of the earth.
- Some uses of minerals are:
    - food for our body,
    - materials to build roads, houses,
    - making jewelry, cans, baby powder,

Examples of some minerals are shown below

 Asphalt	 Limestone	 Gold
 Coal	 Silver	 Iron Ore

Activity: Complete the mineral word search below

There are about 3,000 minerals on the planet. Find the following minerals in the mix of letters below.

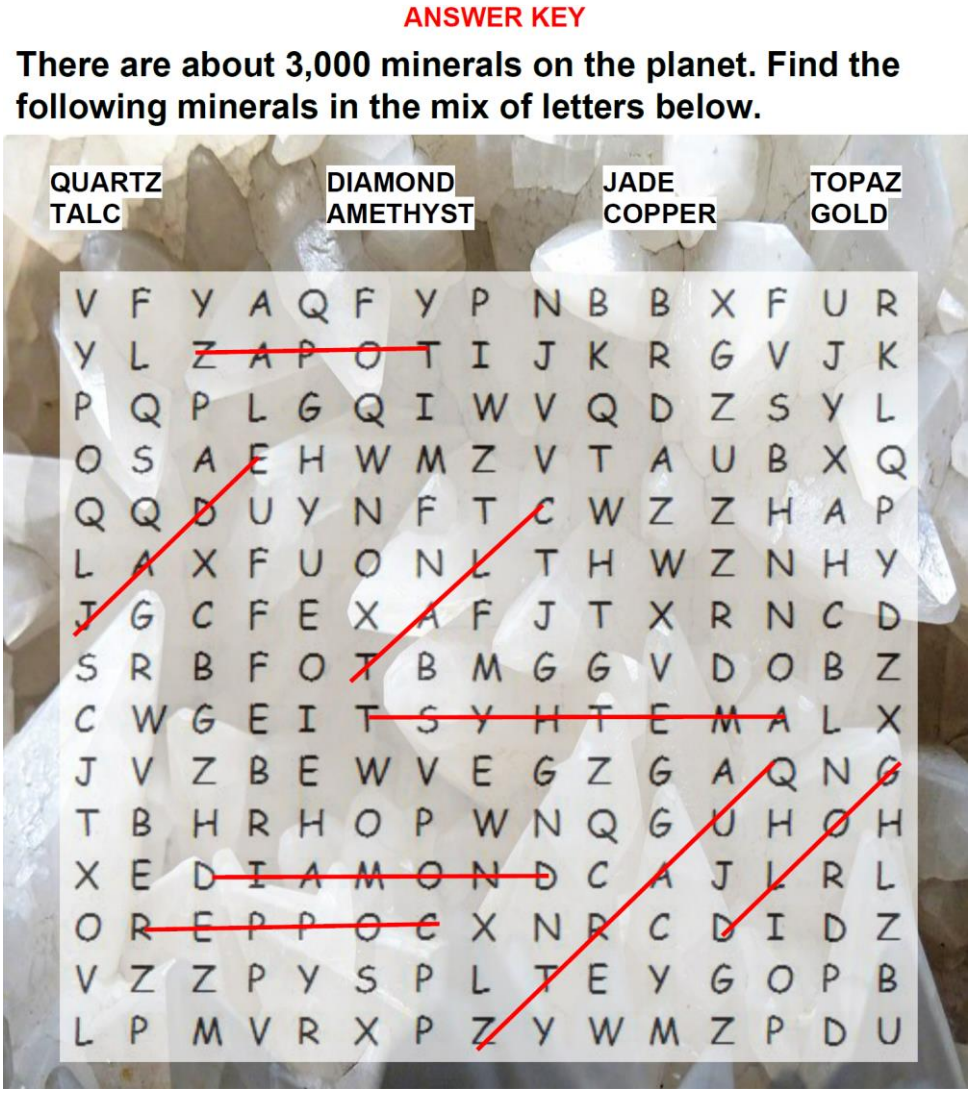


Assessment: Complete the table by writing at least two common uses of the following minerals

Mineral	Uses
Aluminum	
Gold	
Silver	
Iron Ore	
Limestone (may require research)	

Answer key:

Activity:



Assessment:

Mineral	Uses
Aluminum	Used to make airplanes and cars Aluminium foil is used in packages and wrapping Pots,baking pans other kitchen utensil
Gold	Jewelry By dentist to repair teeth Medals
Silver	To make coins and medals, Jewelry, silverware, Photography
Iron Ore	Nails for building make steels for building materials magnets, and auto parts.
Limestone	Use to make cement Fertilizer Used in toothpaste and paints

References:

1. **Asphalt:** https://www.dreamstime.com/stock-photo-asphalt-raw-material-background-image57521300
2. **Limestone:** https://en.wikipedia.org/wiki/Limestone
3. **Gold:** https://www.tradeindia.com/fp6136144/Pure-Natural-Gold-Ore.html
4. **Coal:** http://www.chemistryexplained.com/Ce-Co/Coal.html
5. **Silver:** https://www.bigstockphoto.com/image-232429585/stock-photo-macro-silver-ore-%2C-precious-stones-from-silver-mines
6. **Iron:** http://geologylearn.blogspot.com/2015/03/iron-ore.html
7. **Crossword:**