The Periodic Table of Minecraft contains a list of basic “Minecraft elements,” many of which can be mined in the virtual world of Minecraft. “Minecraft elements” like gold, redstone, emerald, and diamond are very rare and can only be found deep below the surface.

The periodic table of Minecraft is not the same as the periodic table of elements used in science. For example, obsidian is included in the periodic table of Minecraft and not in...
the actual periodic table of elements. Obsidian is not an element, it's a volcanic rock, which forms when lava cools rapidly. An element is a substance that cannot be broken down into any other substances by chemical or physical means. The periodic table of elements includes information for each of the known elements.
PERIODIC TABLE OF MINECRAFT

Activity

Explain how the following elements from the periodic table of elements could be beneficial in Minecraft.

**Mercury (Hg)**
Mercury is the only common metal which is liquid at ordinary temperatures. Mercury is sometimes called quicksilver. It is a heavy, silvery-white liquid metal. It is a rather poor conductor of heat if compared with other metals, but it is a fair conductor of electricity. It alloys easily with many metals, such as gold, silver, and tin. These alloys are called amalgams.

**Nickel (Ni)**
Nickel is a hard, corrosion resistant metal. It can be electroplated onto other metals to form a protective coating. Finely divided nickel is used as a catalyst for the hydrogenation of vegetable oils. Adding nickel to glass gives it a green color. A single kilogram of nickel can be drawn into 300 kilometers of wire. Nickel is also used to manufacture some types of coins and batteries.
PERIODIC TABLE OF MINECRAFT

Quiz

Write True or False next to each statement.

1. The periodic table of Minecraft is the same as the periodic table of elements used in science.
2. Obsidian is not an element, it’s a volcanic rock forming when lava cools rapidly.
3. An element is a substance that can be broken down into other substances by chemical or physical means.
4. "Minecraft elements" like gold, redstone, emerald, and diamond are very rare and can only be found deep below the surface.