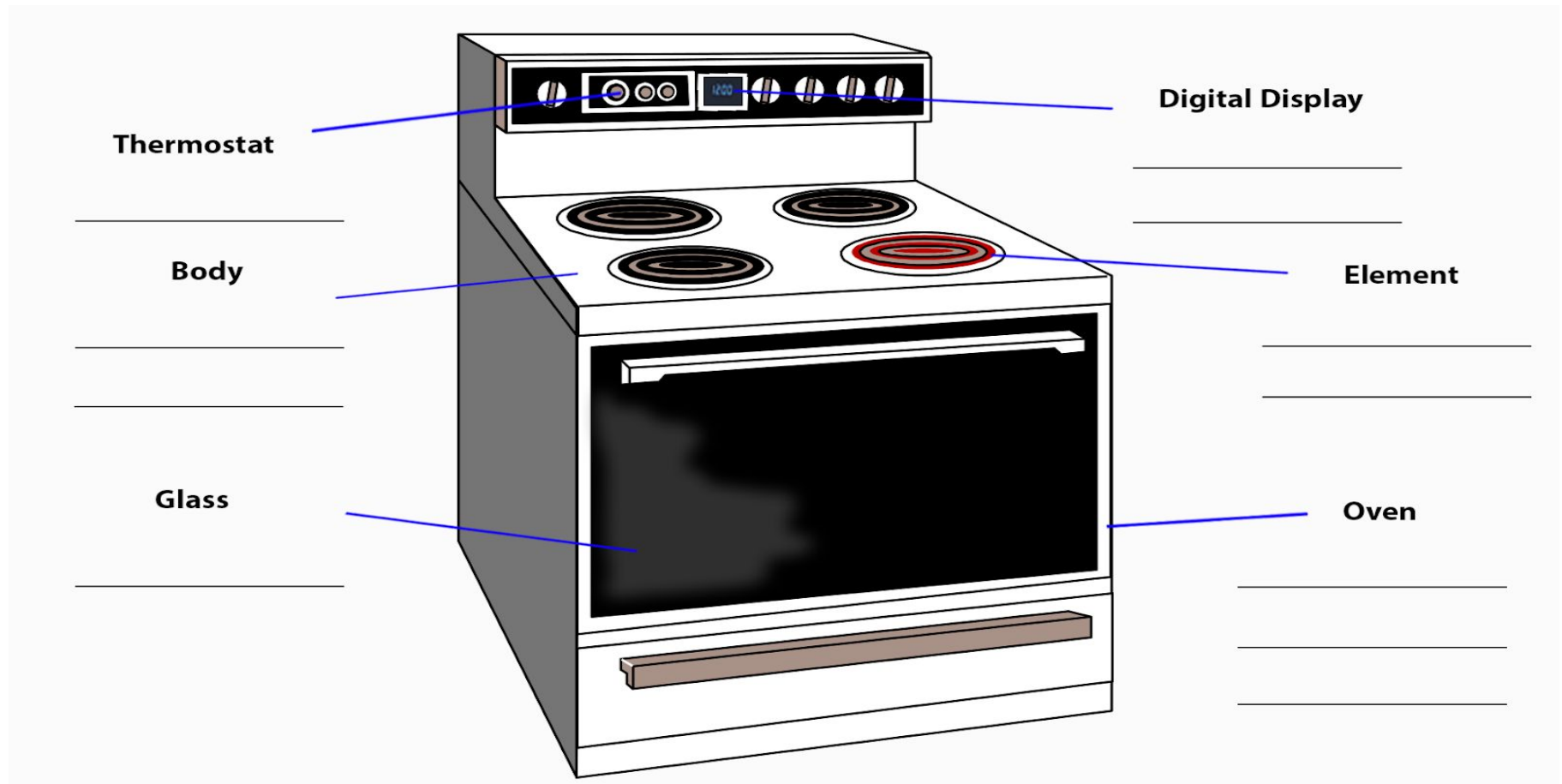


Handout (Everyday Objects: Stove)

From the list below, fill in the blank spots with the correct mineral used to make the different parts of a bicycle.



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List of minerals:

Gallium	Pentlandite	Pentlandite	Cinnabar	Germanium	Chromite
Quartz/silica	Hematite	Hematite	Hematite	Galena	

Common uses for these minerals:

Cinnabar is an ore of mercury and is used in thermometers.

Gallium is a soft, silvery metal used mainly in electronic circuits, semiconductors and light-emitting diodes (LEDs). It is also useful in high-temperature thermometers, barometers, pharmaceuticals and nuclear medicine tests.

Germanium's largest use is in the semiconductor industry. When doped with small amounts of arsenic, gallium, indium, antimony or phosphorus, germanium is used to make transistors for use in electronic devices. Germanium is also used to create alloys and as a phosphor in fluorescent lamps.

Hematite is the most important ore of iron. It is used in steel components and in many products such as building materials, cars and mostly anything containing metal.

Pentlandite is an ore of nickel. It's most common use is in the production of stainless steel, like in sinks and cutlery, but is also an important alloy to make other metals stronger or more heat resistant..

Chromite is used on handles, buttons and other chrome plated components.

Galena, also called lead glance, is the ore of lead. It is used in weights for lifting and diving, in solder for electronic components, in components used to store energy, and most importantly in car batteries.

Quartz/silica is mainly used in glass, but it is also used in construction, ceramics as well as many other things.