

Episode 6: CARBON SOURCES – NATURAL GAS

QUESTION: Do We Need Heat from Natural Gas to Shape Our World?

Before you view Episode 6

Activity 1: Heat

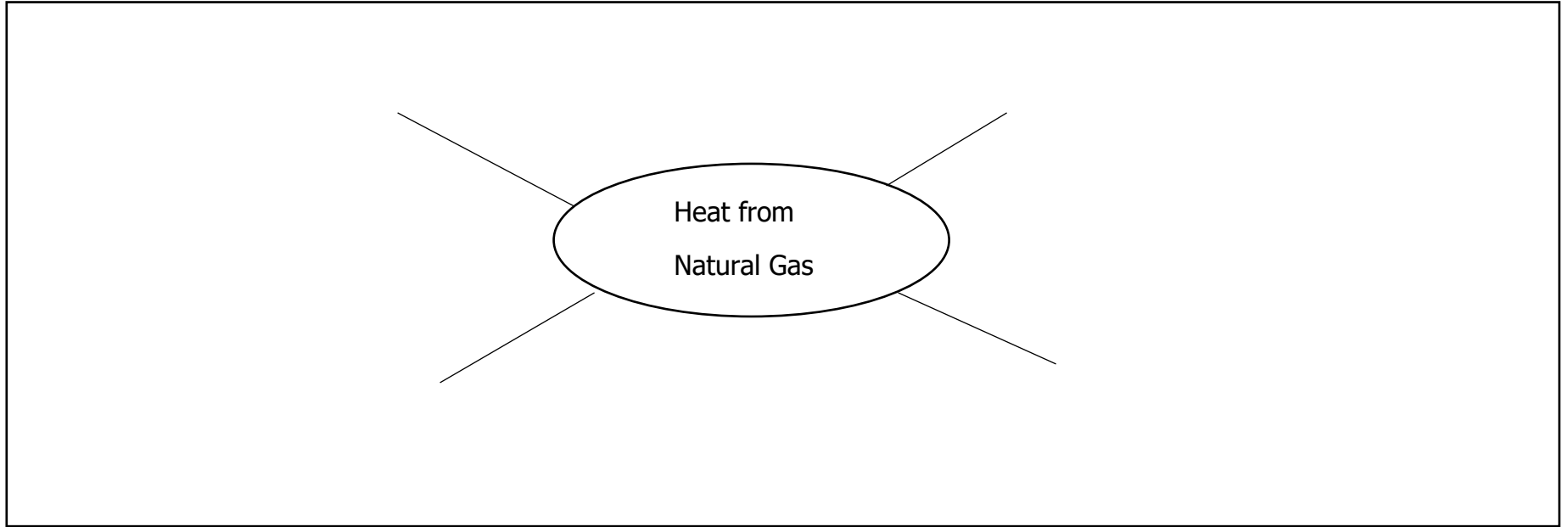
Draw images of these places we use natural gas to produce heat. You may need to do image searches for some of these to see what kind of heat we use.

Laundry	Buildings	Melting Metals	Cooking
Killing Germs	Fireplace	Ceramic/Pottery Kilns	Glass Furnaces

Share drawings with others in your class. If you want to, you can redraw any icons that you see differently after sharing.

After Viewing Episode 6: Natural Gas, Methane, and Climate Change

Activity 2: Brainstorm ways you use heat (or products that used heat) from natural gas.



Activity 3: Imagine a new way to heat our world.

Instead of fossil fuels, heat can be produced from wood, the sun, volcanoes/geothermal, biofuels (gas from landfills or waste), or radioactive materials. Use one example from your brainstorm and describe a way to accomplish this while minimizing human impact on the environment.

*Burning wood or biofuels doesn't put ancient carbon into the atmosphere.



75% mostly methane
CO₂ comes from CH₄ (natural)

NATURAL GAS

