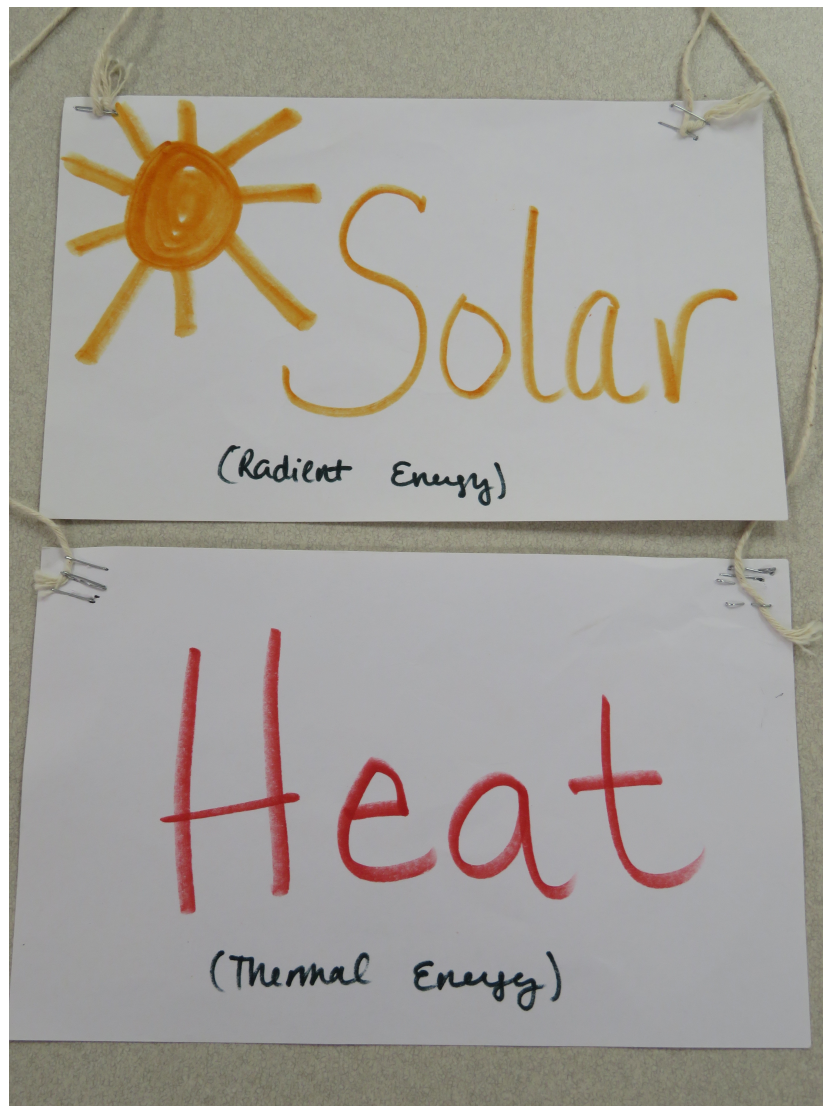


Lesson 2

The Greenhouse Effect

Greenhouse Effect Drama Cards and Student Artwork
Set-Up Pictures from the Bean or Corn Growth and Temperature Experiment

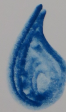
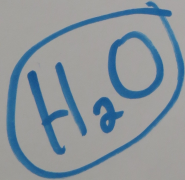


Front and back of the cards for the
 $\frac{1}{2}$ of a class that plays the roles of solar
and heat energy.

Greenhouse Gas
Cards 1 and 2

Carbon
Dioxide
 CO_2 (Gas)

Water Vapor
(Gas)

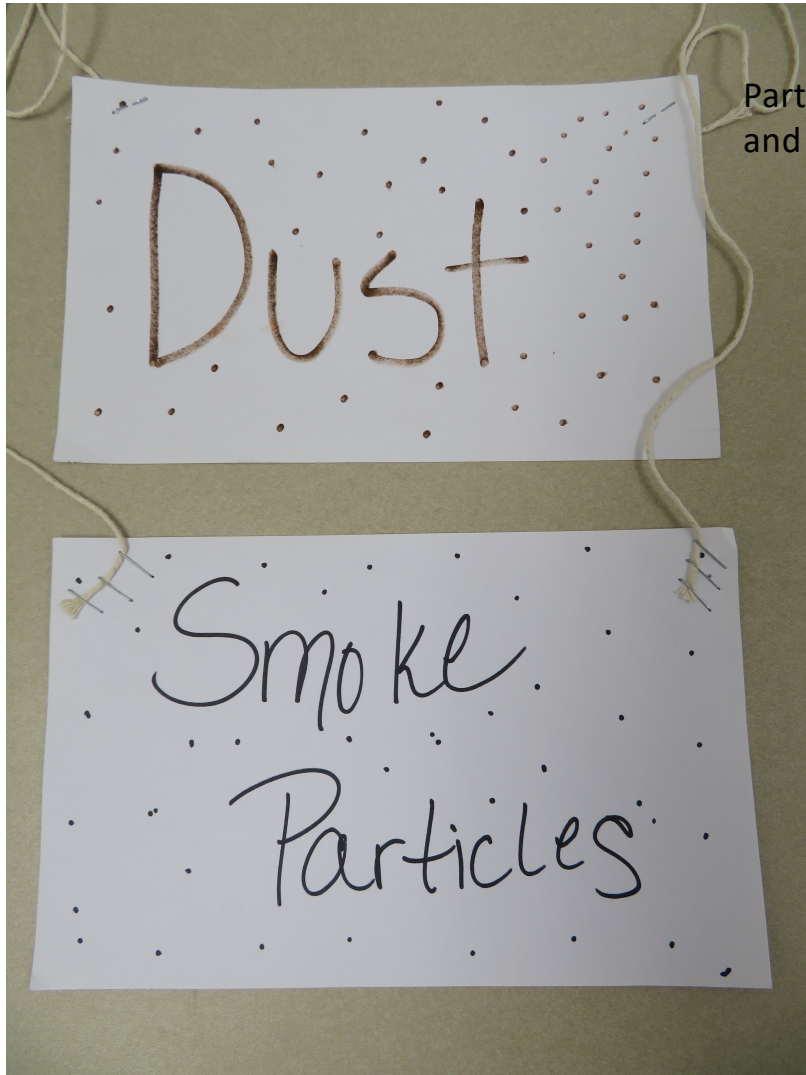


Greenhouse Gas
Cards 3 and 4

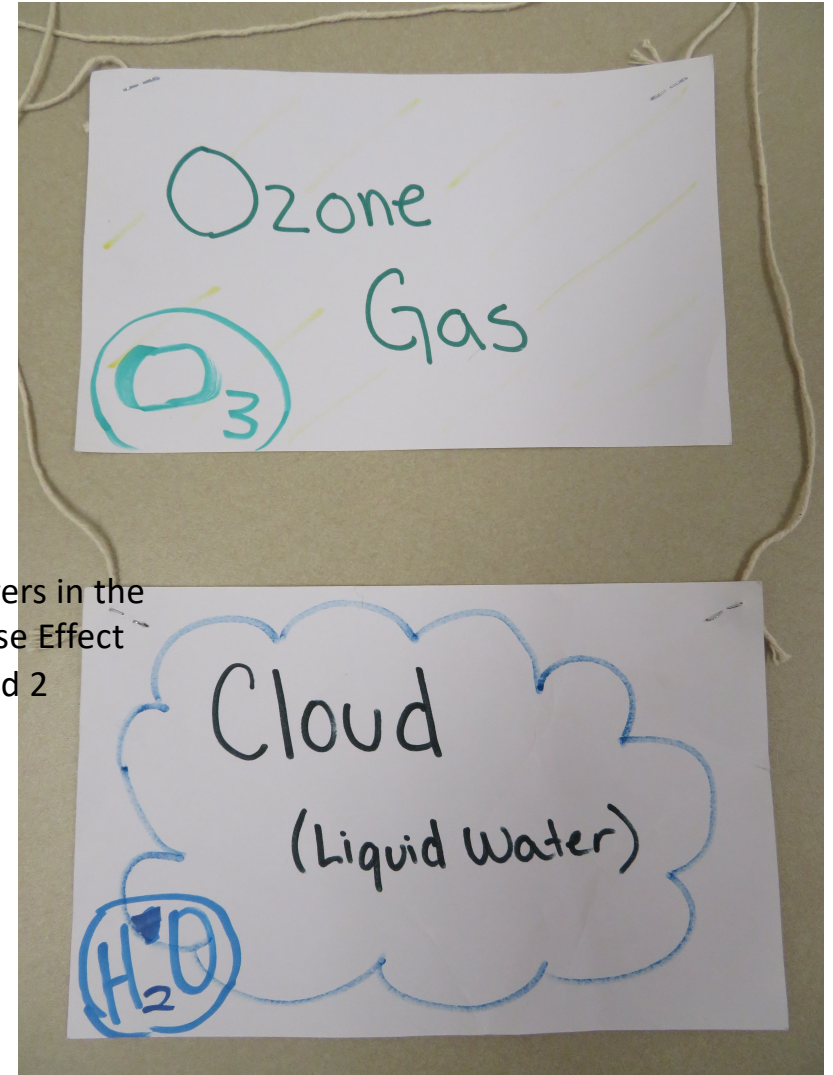
Nitrous Oxide
 N_2O (gas)

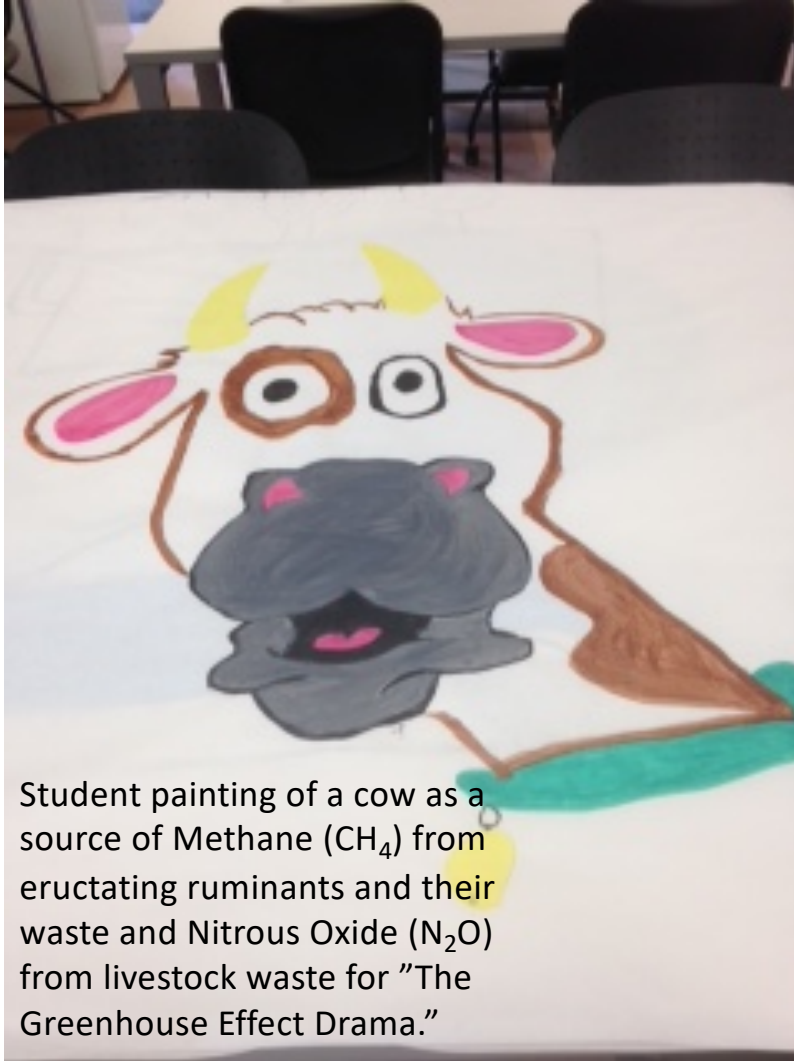
Natural
Gas
 CH_4
(Methane)

Particulates Cards 1
and 2



Other Players in the
Greenhouse Effect
Cards 1 and 2





Student painting of a cow as a source of Methane (CH_4) from eructating ruminants and their waste and Nitrous Oxide (N_2O) from livestock waste for "The Greenhouse Effect Drama."



Student painting a truck and coal-burning power plant releasing Carbon Dioxide (CO_2) for the Drama.



Earth and sun paintings being prepared by students for "The Greenhouse Effect Drama."



Above: The bottom shelf of the light stand shows the control (no plastic wrap) and four treatments for the Greenhouse Effect Experiment on beans. This example uses bottle biology self-watering containers for the mini-greenhouse bases instead of the 6" pots called for in the lesson plan.

Right: Shows the two 2-foot wires bent and connected by a twist tie that will hold up the plastic wrap in the Greenhouse Effect Experiment.

