

## Petroleum By-Products Scavenger Hunt:

Many of our every day items are petroleum by-products, meaning that they are produced from petroleum (or crude oil).

In this activity, students will find different petroleum by-products found in their classroom. By the end of the activity, they will be able to identify their favorite petroleum by-products.

## Materials:

- Items found around the classroom or school. Some examples include:

Pen	Ruler
Crayon	Tape
Art Supplies	Binder
Sunglasses	Dry Ease Marker
Shoes with rubber sole	Whiteboard
Plastic Cups	Basketball
Backpacks	Plastic Toys
Calculator	Paper clips
Chalkboard	Eraser
Computer	Glue Stick
Lunchbox	Candle

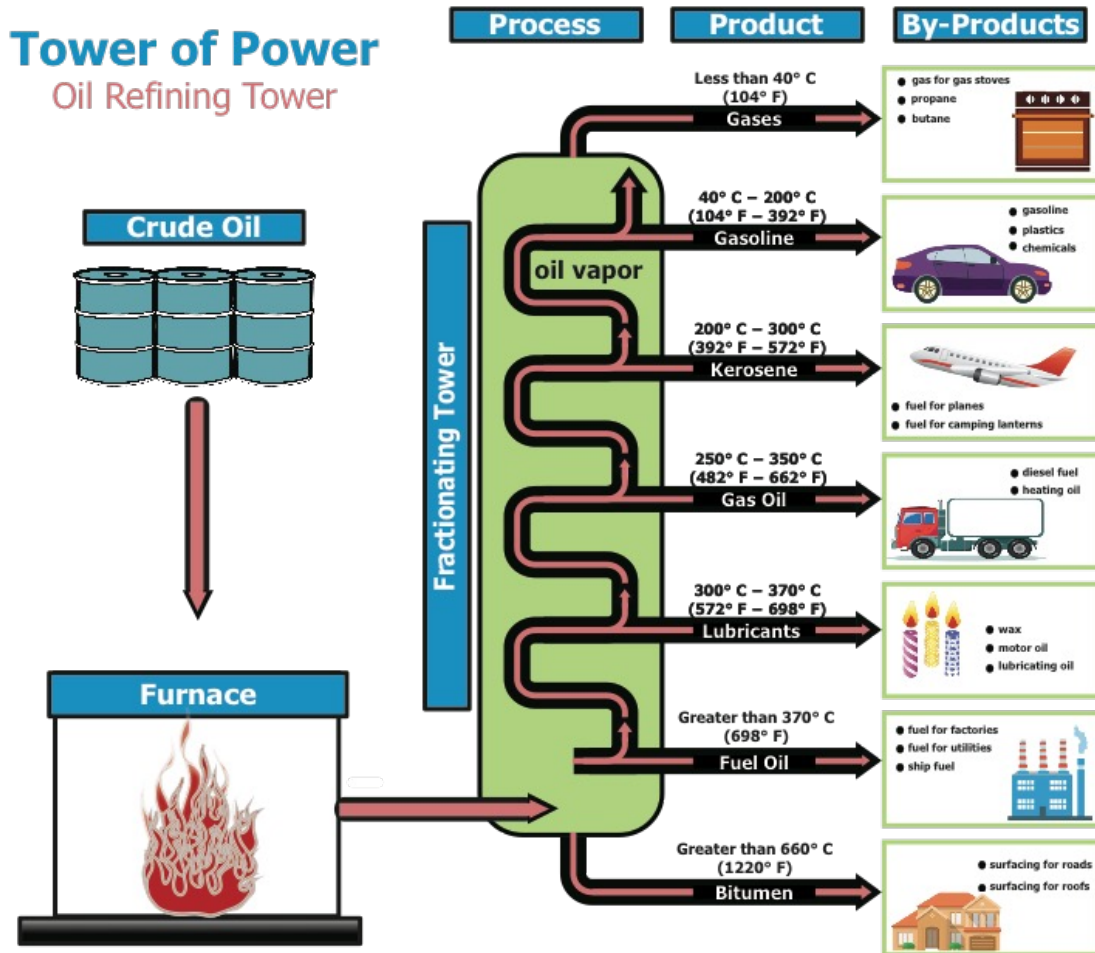
*Teacher Tip: Feel free to use other items and/or take items outside for an outdoor activity!*

## Procedure:

1. Before the scavenger hunt: hide the petroleum by-products around the scavenger hunt area. Be sure to have a list of the items you are using to help your students find them!
2. Show the class the "Tower of Power" graphic on page 2 and explain that the crude oil is taken to the refinery and heated to different temperatures depending on the product being produced. Be sure to inform the class that this is how their everyday petroleum by-products are made.
3. Have fun! Release the students to complete the scavenger hunt based off the list created in step 1.

## Tower of Power:

The "Tower of Power" graphic below shows that crude oil is taken to a refinery and heated to different temperatures, depending on the product being produced. It is estimated that currently more than 6,000 products are made from petroleum!



## Conclusion:

- Discuss other petroleum by-products that were not listed in the scavenger hunt.
- Have the students identify their favorite petroleum by-product and have them draw it on a piece of paper!