

# Polymers

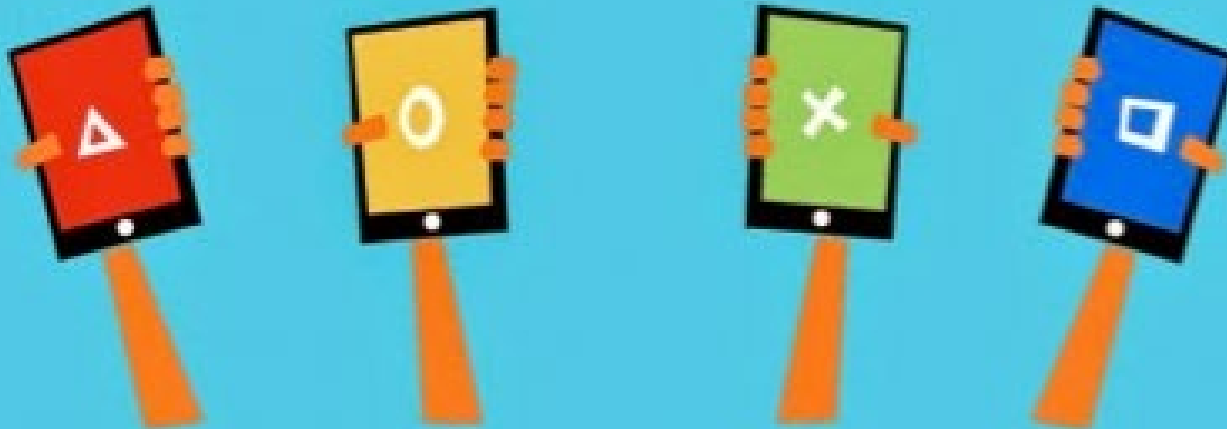
FEEL FREE TO  
CHANGE THE  
POWERPOINT TO  
FIT YOUR LESSON



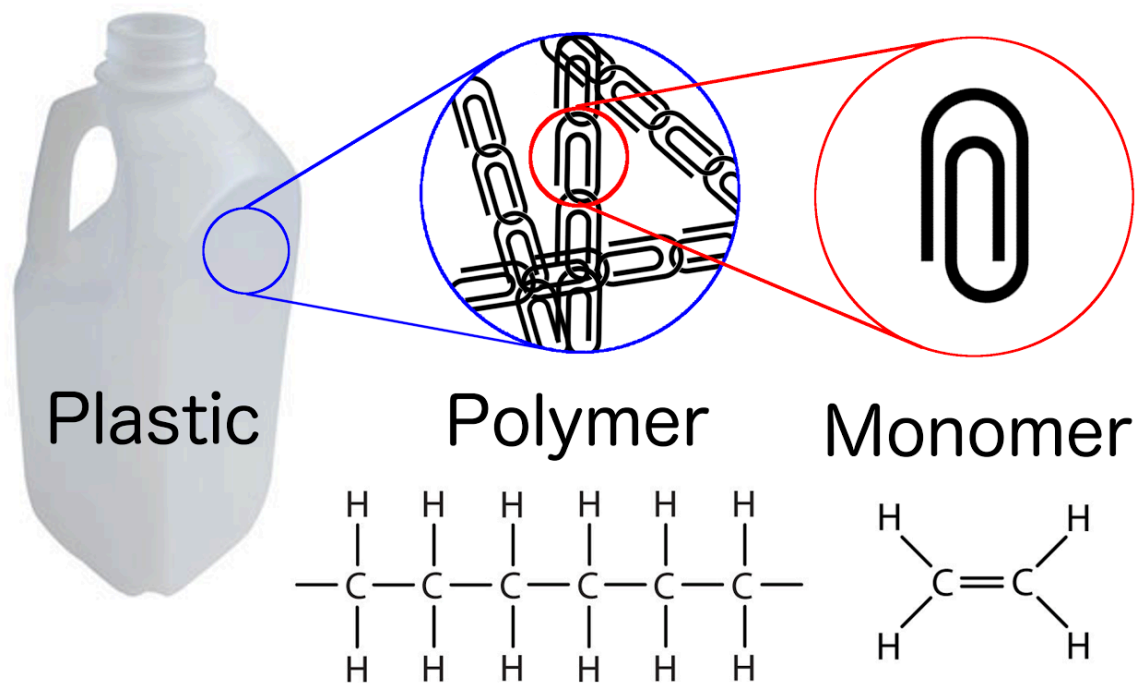
# Engage: Kahoot!



# Kahoot!



# Engage: What we know:



100

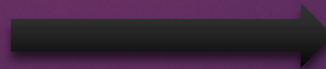
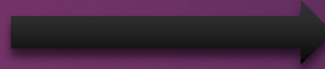




# Explore: Life Cycle of Plastics



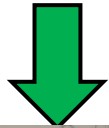
# Explore: Lets see how plastic is made!





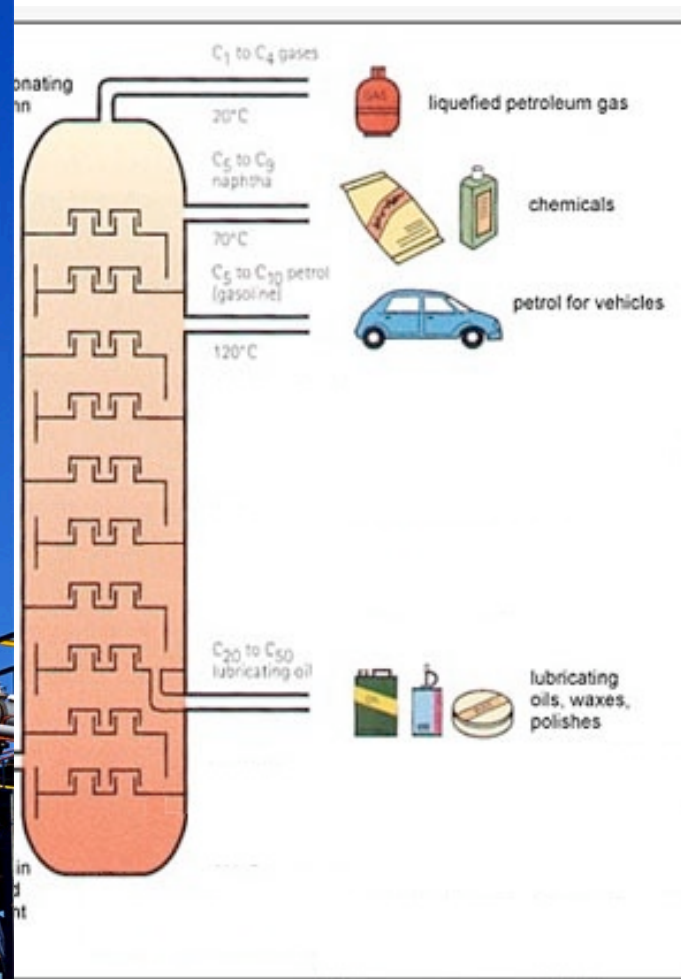
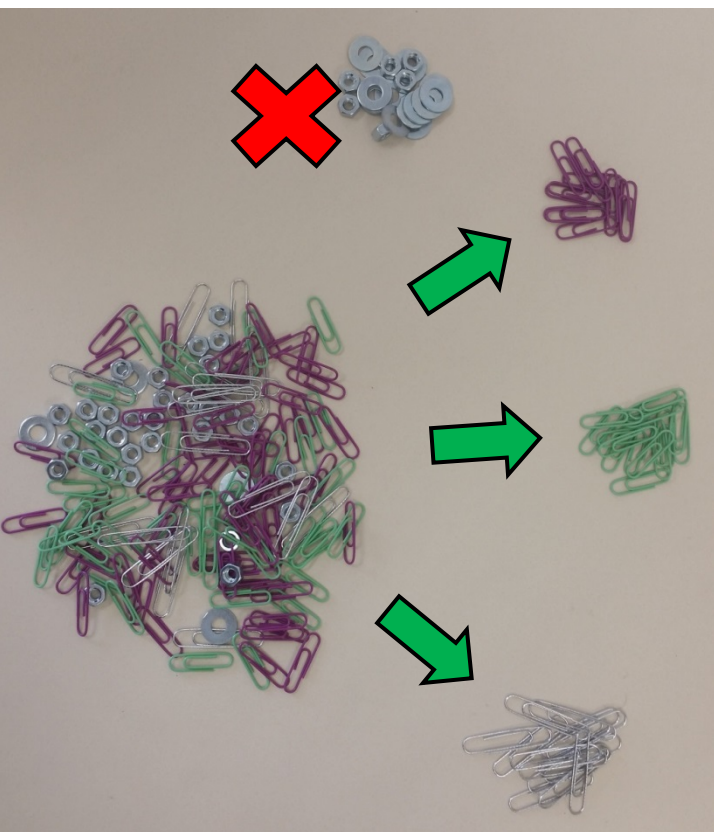


# Station #1 Drilling for Oil

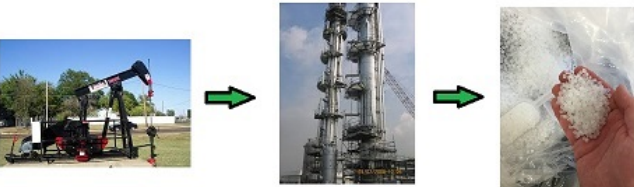




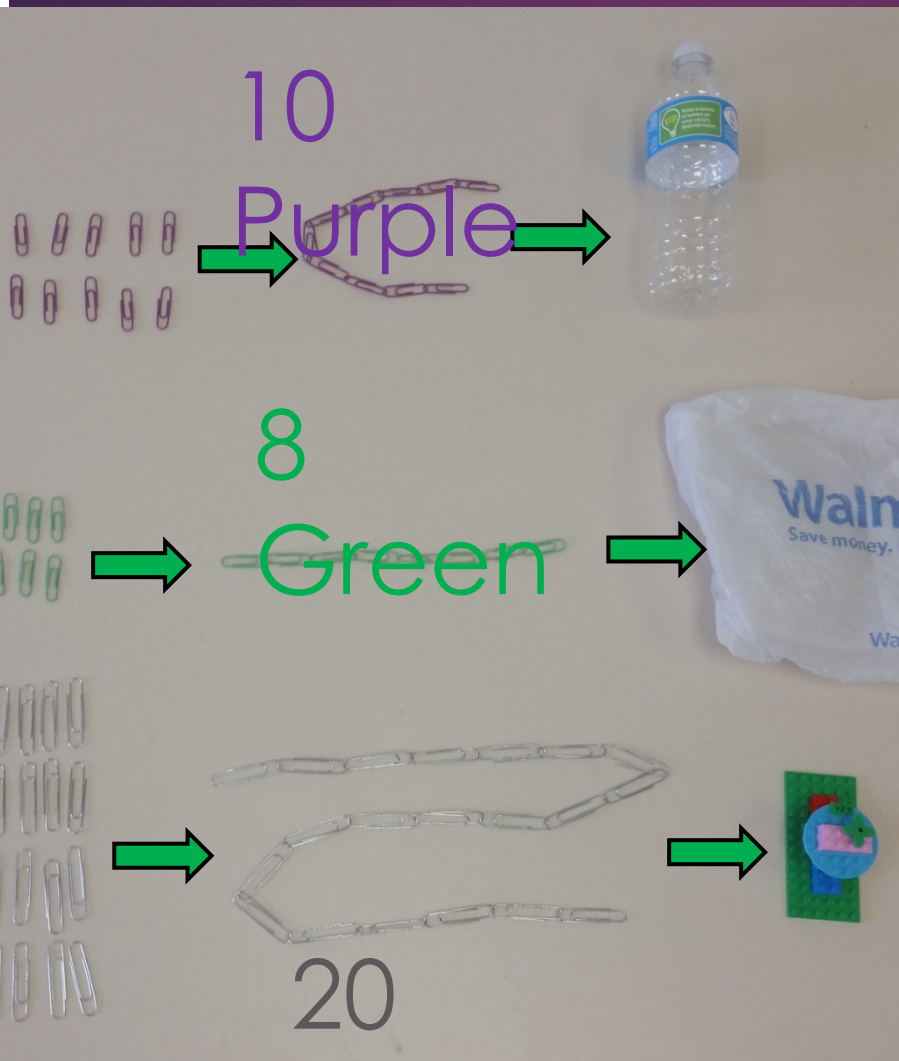
# Station #2 Purifying Oil

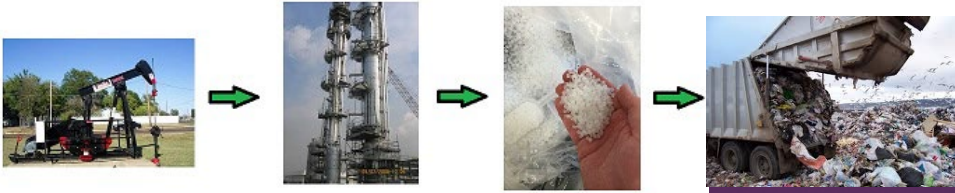






# Station #3 Plastic to Products





## Station #4 Disposal







What

about

recycling?

## EXPLORE: Station #4-Throw It Away Or Recycle?

- ▶ Garbage = Put it in the trash can across the room
- ▶ Recycle = Unhook the paperclips
  - ▶ 10 Purple → 8 Purple
  - ▶ 8 Green → 6 Green
  - ▶ 20 Silver → 12 Silver

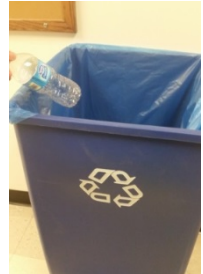
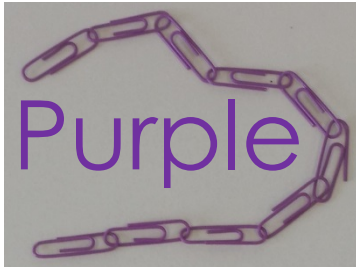




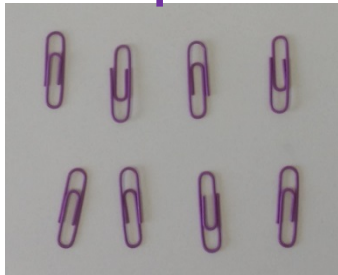
# Station #4

Garbage

Recycle



8 Purple



# What Happens to Recycled Plastics





# EXPLAIN: Life Cycle of Plastics

- ▶ In your groups you will create a poster that explains what happens through the Life cycle of plastics.
- ▶ You will have 10 minutes.
- ▶ Be prepared to present to class.



# Elaborate: 3 R Game

- ▶ In groups play the game.
- ▶ Each player draws a card when they land on a garbage man.
- ▶ Place the card on your reduce, reuse, or recycle.
- ▶ We will then go over it as class.



# Evaluate: Quiz Time!

- ▶ Each of you will complete the quiz independently.
- ▶ You will have 5 minutes to complete the quiz.

