UNDERSTANDING YOUR CARBON FOOTPRINT

WHAT IS A CARBON FOOTPRINT?

A carbon footprint is the total amount of greenhouse gases (including carbon dioxide and methane) that are generated by our actions. The average carbon footprint for a person in the United States is 16 tons, one of the highest rates in the world. Globally, the average carbon footprint is closer to 4 tons.

HERE ARE THE BIGGEST CAUSES OF GREENHOUSE GASES!

WHAT CAN YOU DO?

List 3 things you can do to reduce your negative impact on the planet.

Imagine what the world and your life would look like in the year 2050 if we, as a society, successfully reduced the effects of climate change . Describe what the world looks like. How have we adapted? How do you travel places? What do you eat? How is your home heated and cooled?

INDIVIDUALS LIKE YOU AREN'T THE ONLY ONES WITH A CARBON FOOTPRINT. BIG CORPORATIONS ARE OFTEN MORE RESPONSIBLE FOR POLLUTION AND CARBON EMISSIONS THAN INDIVIDUALS. THAT'S WHY IT'S SO IMPORTANT TO USE YOUR VOICE TO MAKE SURE CORPORATIONS TAKE RESPONSIBILITY FOR THEIR IMPACT ON THE PLANET.

Matching Game

Color, cut out, and sort the items below. Decide if it can be composted, recycled, or donated. Glue the items into the correct category. Some items can only go in the trash and won't be glued to your paper.

Apple Chip Bag Socks Glass Jar Pop Can

Toy Train Pizza Used TP Corn Plastic Bag

Milk Carton Plant Plastic Bottle T-shirt Paper

Straw Box Teddy Bear 6-Pack Ring Banana

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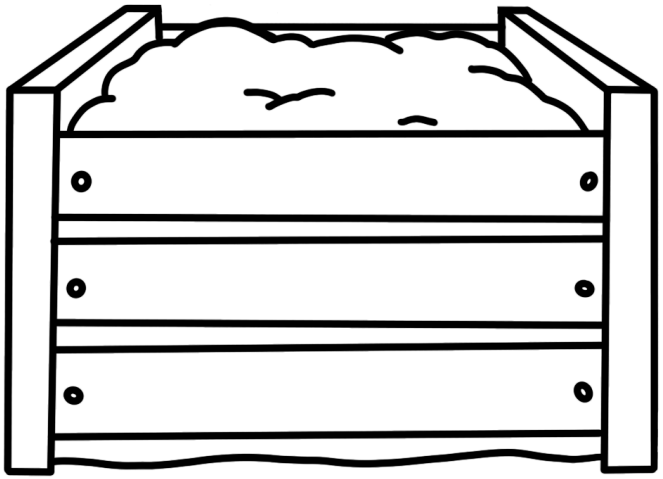
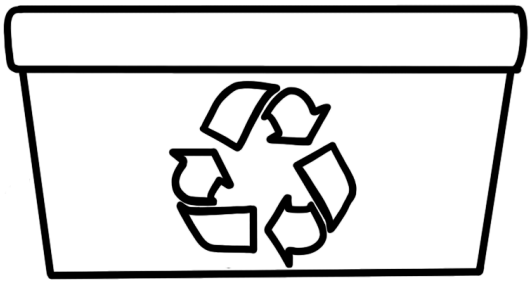
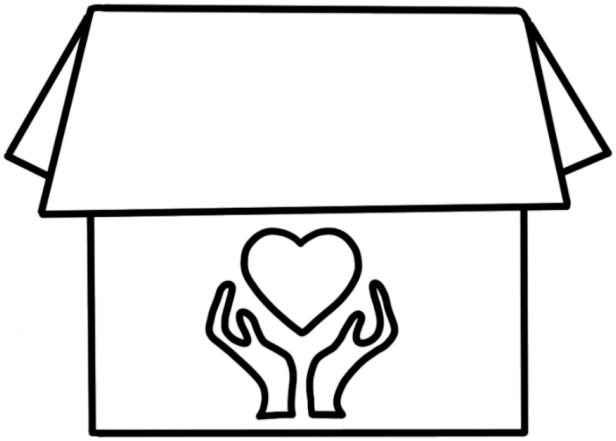
Where does it go?



Compost



Recycle



Donate

Recycle That Resource

Keep Cincinnati Beautiful's virtual classroom presentation workbook

Plastic

Draw the natural resource

Natural Resource:_____

How nature makes the resource:_____

_____

_____

How it is extracted:_____

_____

_____

_____

Is it a renewable resource? Why or why not? _____,

_____

_____

Circle the plastics that can be recycled in Cincinnati:

Why should you recycle or avoid plastics?

_____

_____

Metal Cans

Draw the natural resource

Natural Resources:

_____ & _____

How nature makes the resource:_____

_____

_____

How it is extracted:_____

_____

_____

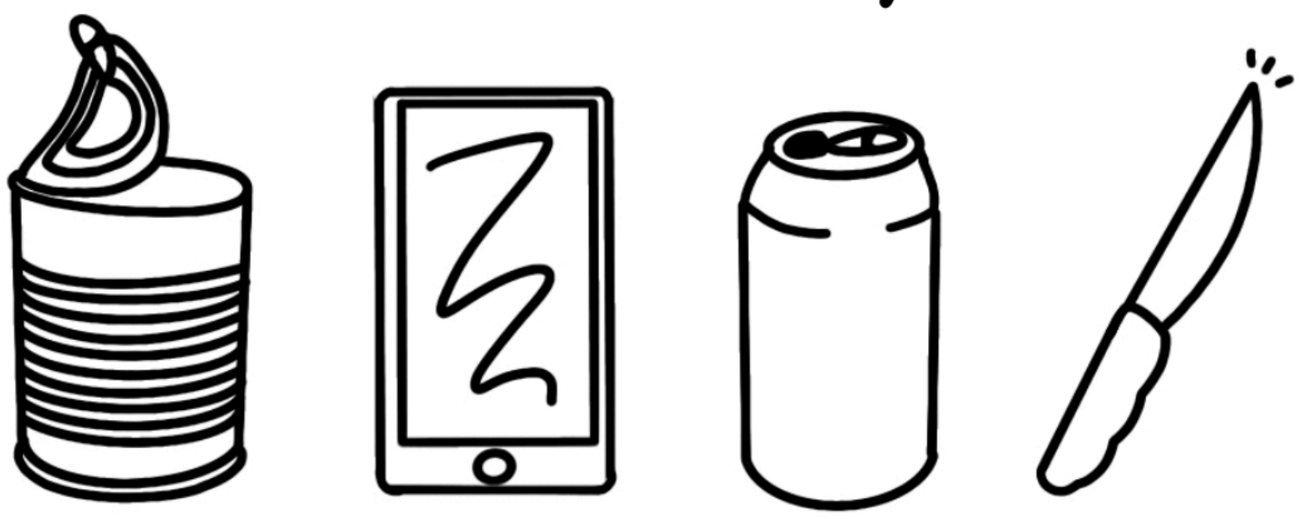
_____

Is it a renewable resource? Why or why not? _____,

_____

_____

Circle the metal that can be recycled in Cincinnati:



Why should you recycle metal cans?

_____

_____

Glass

Draw the natural resource

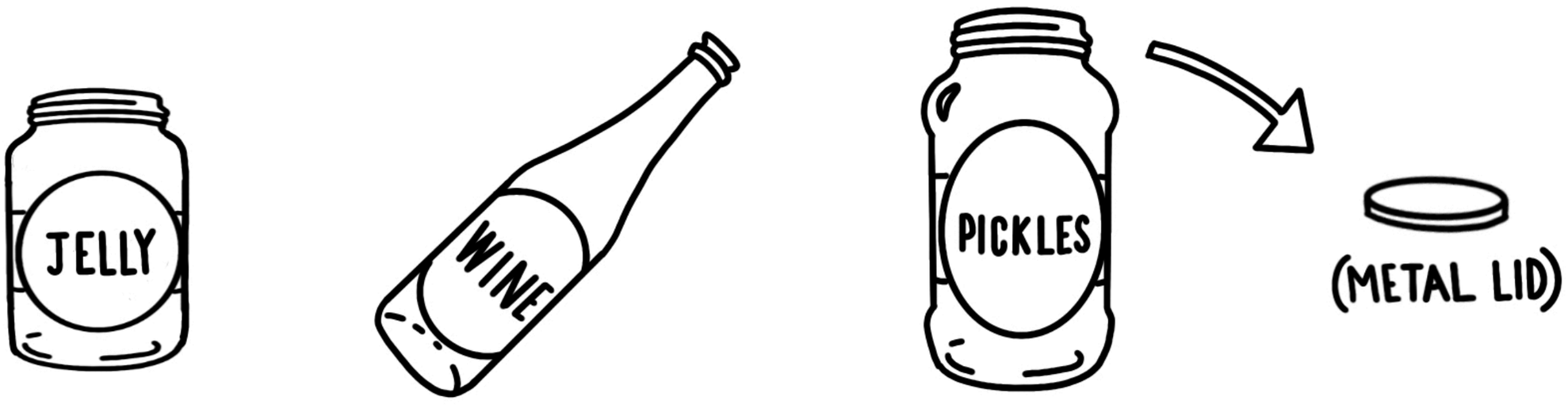
Natural Resource:_____

How nature makes the resource:_____

How it is extracted:_____

Is it a renewable resource? Why or why not? _____,

Circle the Glass that can be recycled in Cincinnati:



Why should you recycle Glass?

Paper

Draw the natural resource

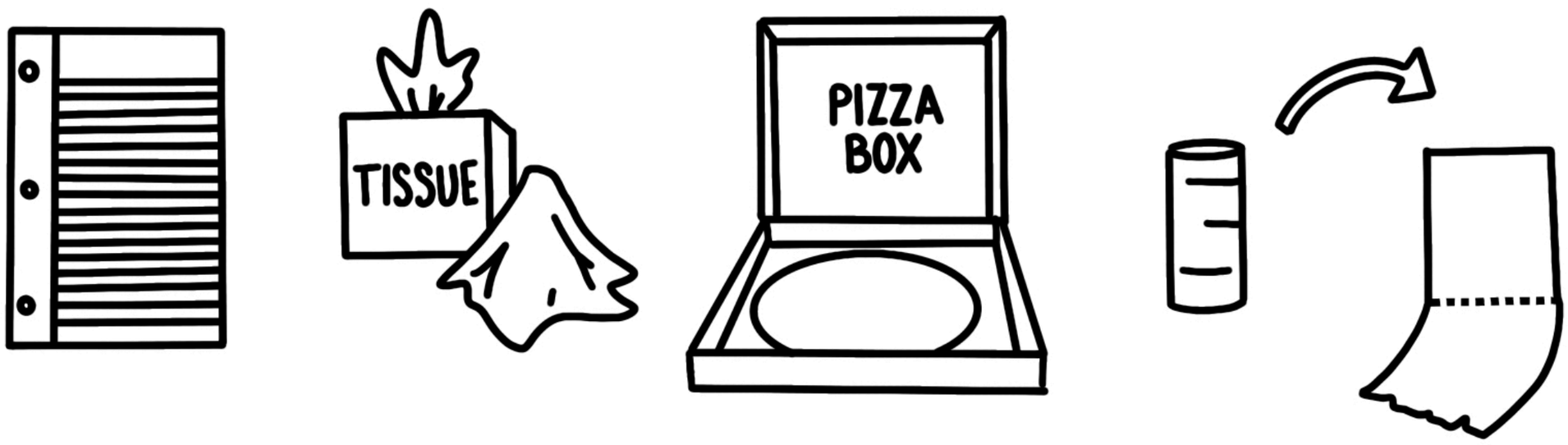
Natural Resource:_____

How nature makes the resource:_____

How it is extracted:_____

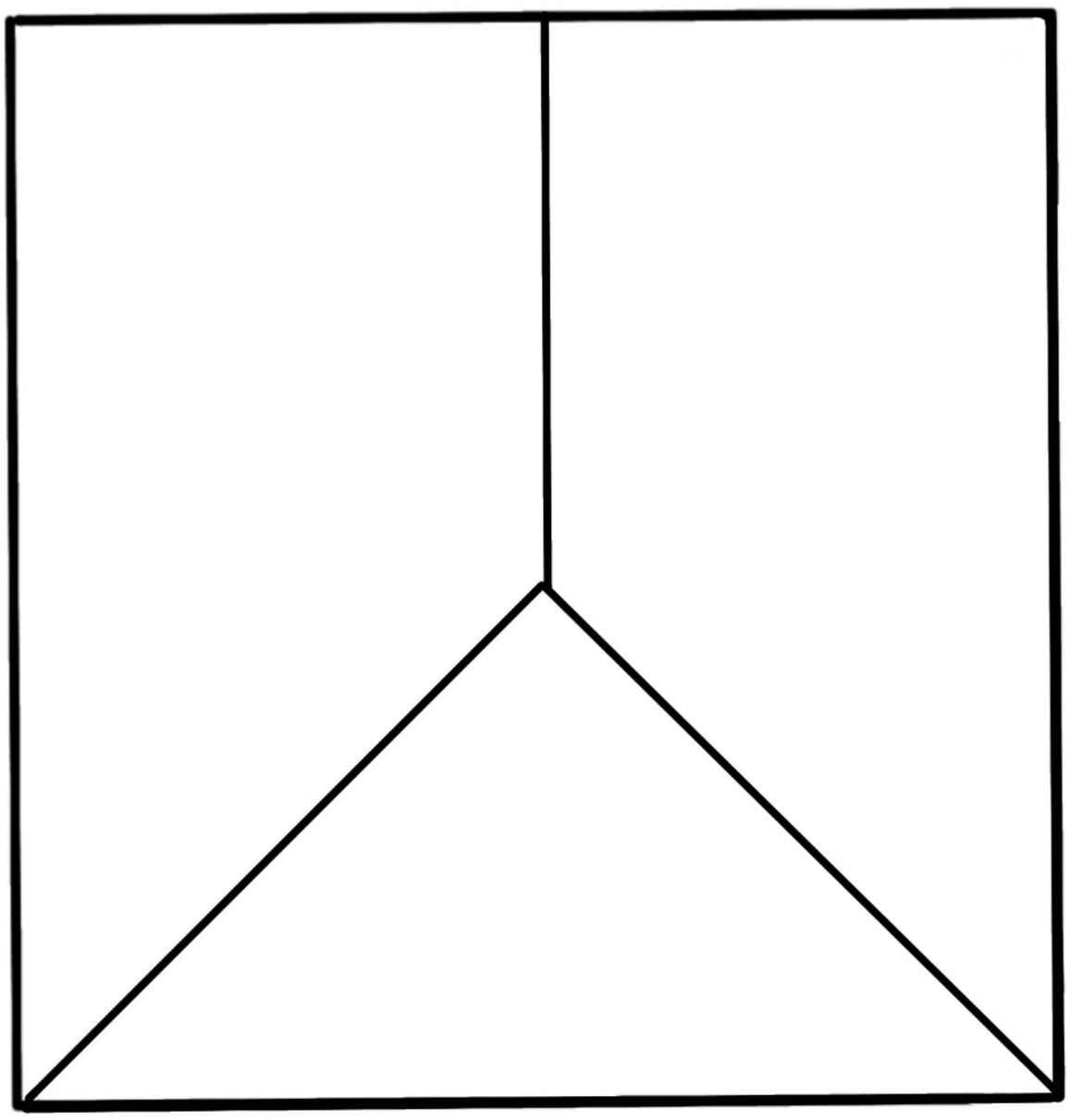
Is it a renewable resource? Why or why not? _____,

Circle the Paper that can be recycled in Cincinnati:



Why should you recycle Paper?

Tetrapak

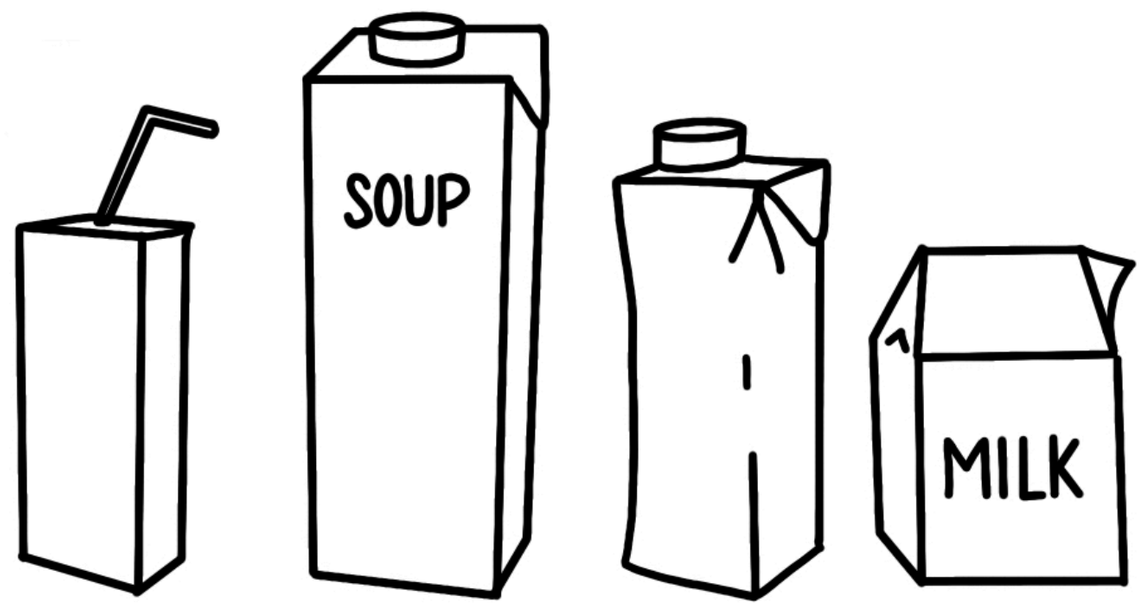


Draw the natural resource

Natural Resource:_____

_____ & _____

Circle the Tetrapak products that can be recycled:



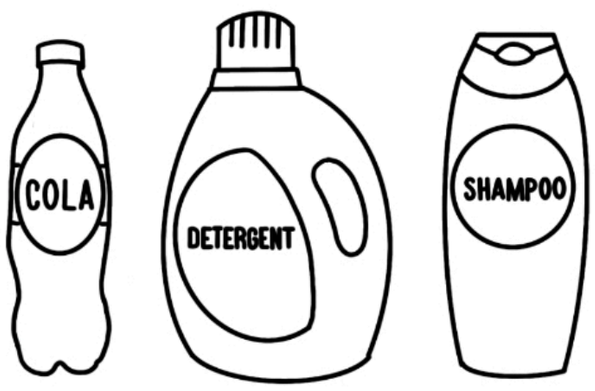
Why should you recycle Tetrapak?

_____

_____

Recyclables

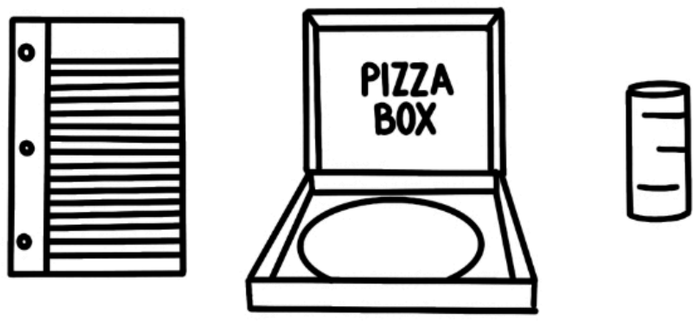
Plastic
*Bottles, Jugs, & Tubs



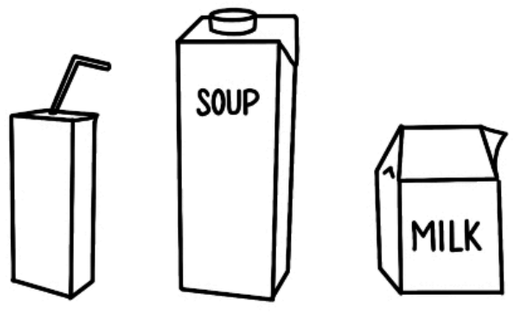
Metal Cans

Glass
*Lids off

Paper

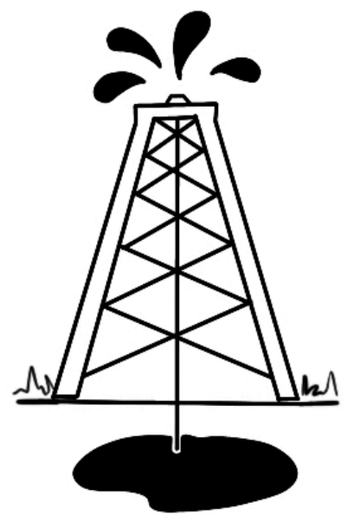


Cartons

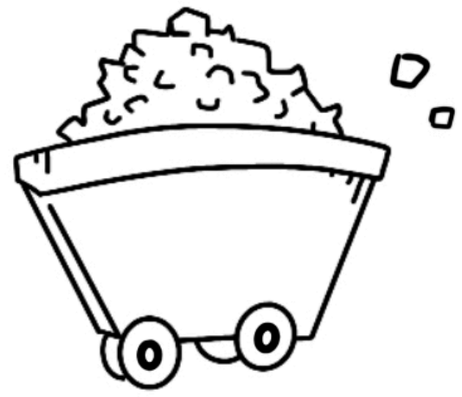


Natural Resources

Oil

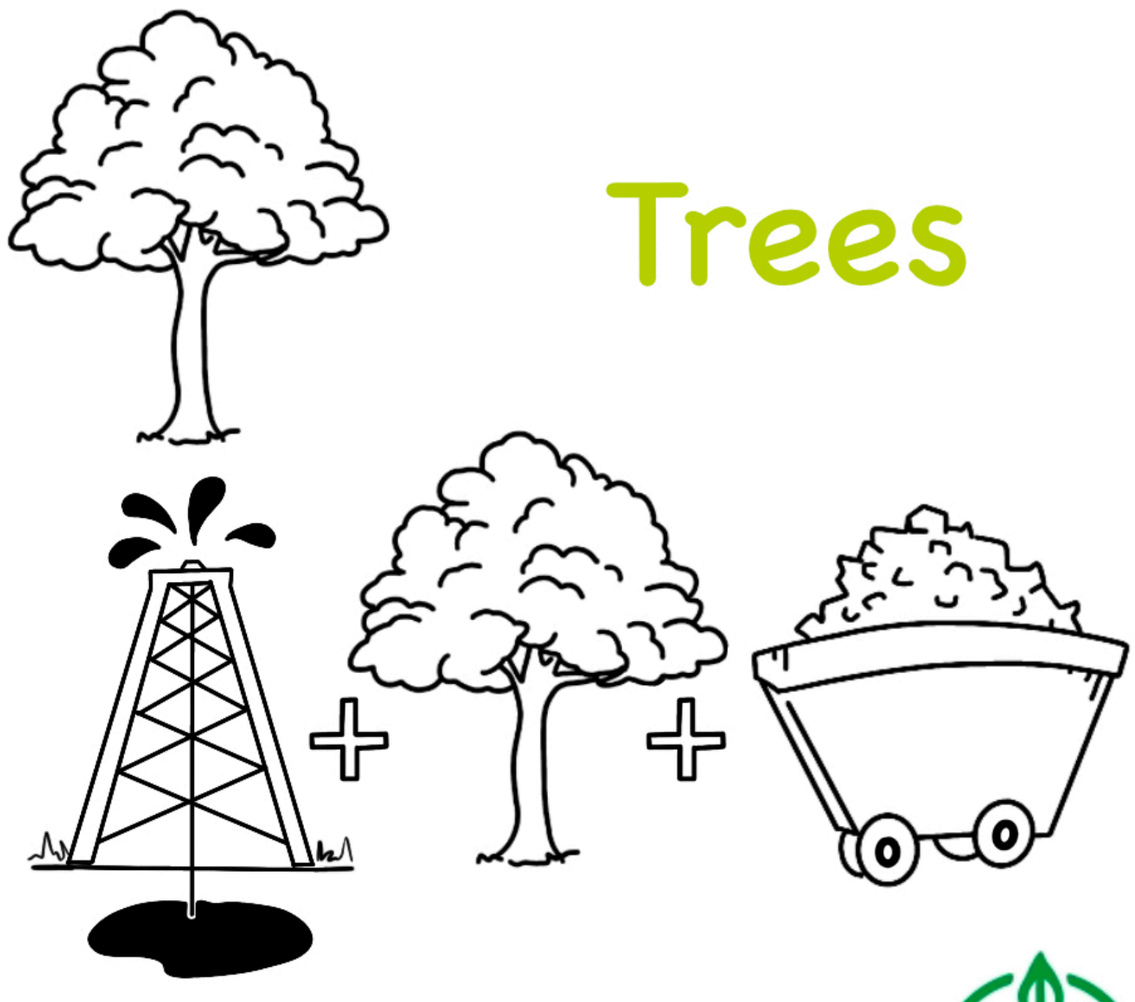


Iron & Bauxite



Sand

Trees



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