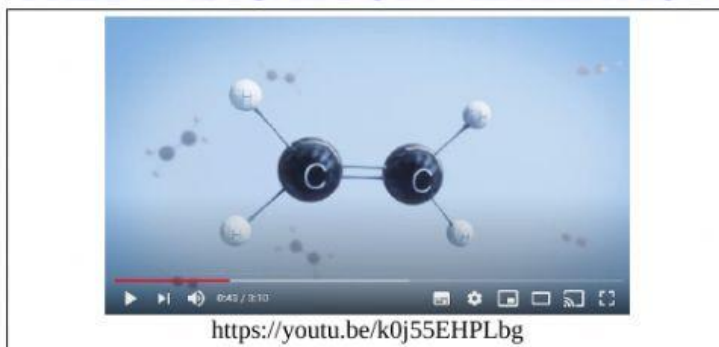


FREE RADICAL POLYMERIZATION



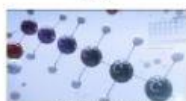
1. Listen and then choose the correct monomer or polymer.

	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC
	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC
	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC
	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC
	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC
	 Styrene	 Ethylene	 Polyethylene	 Vinyl chloride	 Polystyrene	 PVC

2. Match each polymer with its monomer.



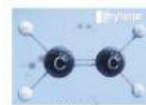
PVC



PolyEthylene



PolyStyrene



Ethylene



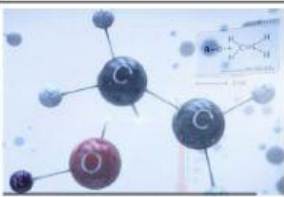
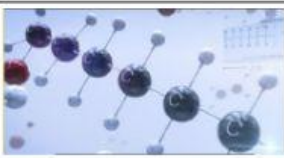
Vinyl chloride



Styrene

3. Choose the proper name of the image.

4. Review the video and then identify the step of the polymerization process. Then define what it consists on.

5. Identify and choose the atom.

6. Match the polymer with the icon that is located at the recyclable bottles' bottom.

