9-8-15

Plastic cont.

Plastic is a synthetic substance.

Hydrocarbon – molecules that are comprised of hydrogen and carbon atoms

Petroleum is used to make plastic.

 smaller molecules are bonded into chains called polymers or plastic resins

6 types of plastic

 triangle with number in it

 1-6 can be recycled. 7 cannot.

 #1 PET or PETE

 a clear polymer that easily holds carbonation

 recycled into carpet, fleece clothing, bottles

 Polyethylene Terephthalate

 #2 HDPE (High Density Polyethylene)

 milk jugs, shampoo bottles, household chemicals, detergent, some food containers

recycled into plastic bins (new containers, plastic lumber, picnic tables, fencing, drainage pipes, floor tile)

 #3 PVC (Polyvinyl Chloride)

 puncture resistant

packaging on meats, film canisters, speed bumps, flooring, cables, mats, packaging materials

 #4 LDPE (Low Density Polyethylene)

 flexible

 grocery bags, shrink wrap, coating for milk cartons, lids and bottle caps

recycled into garbage can liners, shipping envelopes, floor tile, compost bins, trash cans, landscape timbers

#5 PP (Polypropylene)

 food containers, yarns and fabrics, upholstery, luggage, car seats