

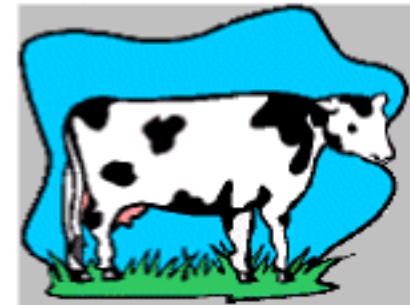
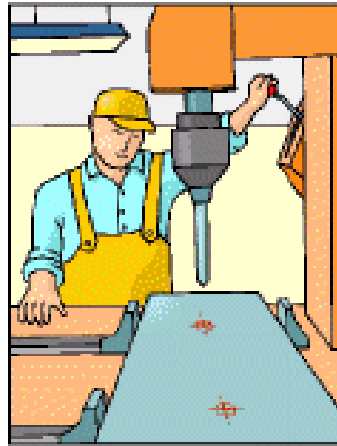
Built Environment



Human control over its environment

benign or harmful

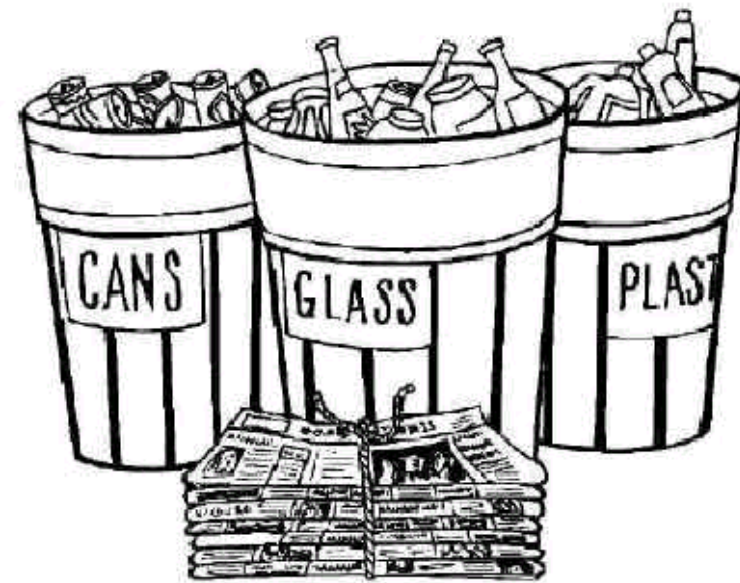
Natural versus Artificial



is one better than the other?

As we create new products, we have to think about discarding them.

WHAT IS SOLID WASTE?



Garbage - Can it be recycled?

We also have to think about other forms of pollution.... to humans and other organisms



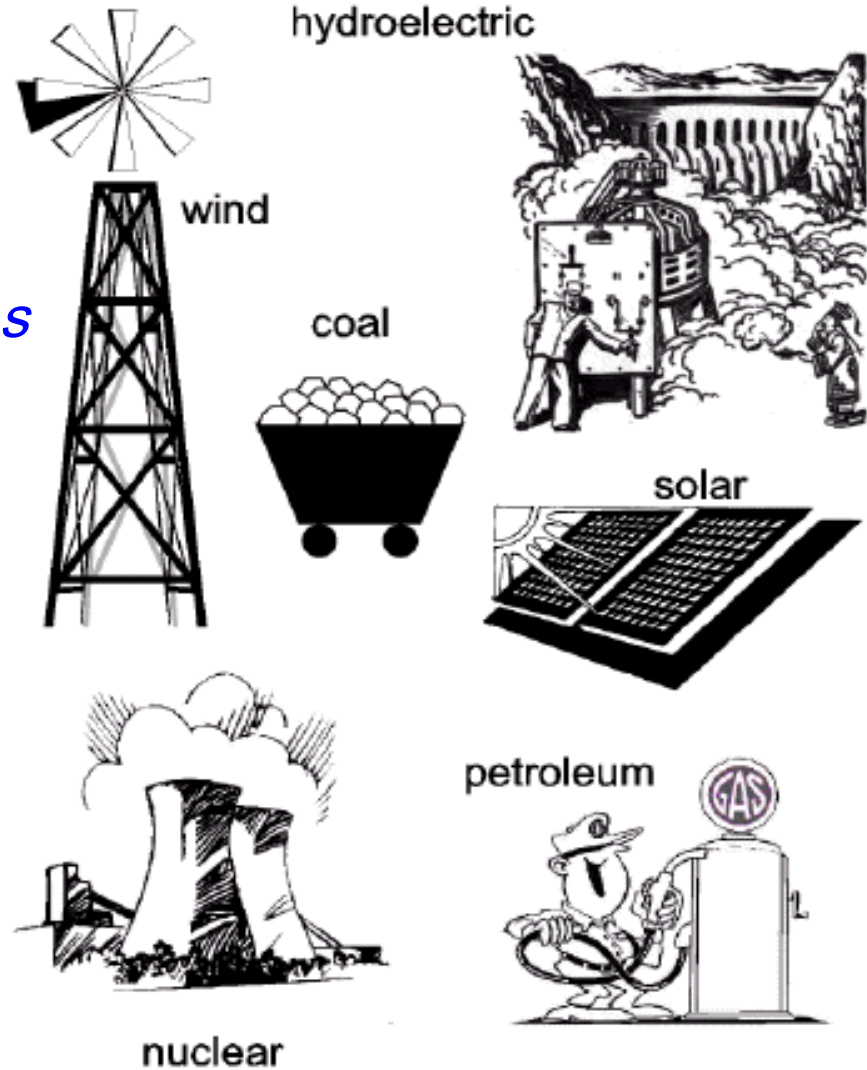
atmosphere, oceans, land

Sound Pollution

jet airplane, 100 feet away	140 db
air raid siren, nearby	125 db
rock music, amplified	120 db
riveter	95 db
busy street traffic	70 db
conversation in home	65 db
quiet radio in home	40 db
whisper	10 db
rustle of leaves	20 db
threshold of hearing	0 db

Creating Power

*Creating different types
of energy
can create different
types of problems*





Can we use nature to make products useful to humans?

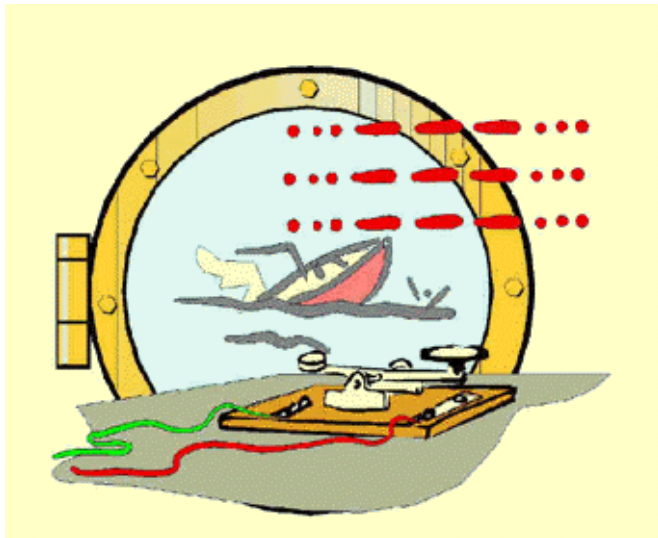


Can we built a better light bulb?

Thomas Edison

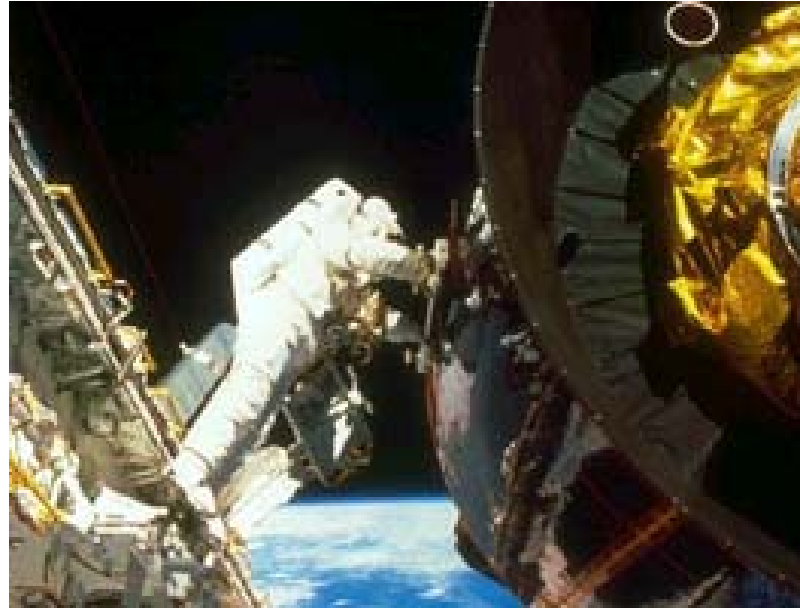


*Communication - changing the world through
information exchange*



fiber optics

Conquering Space



Can space create products?