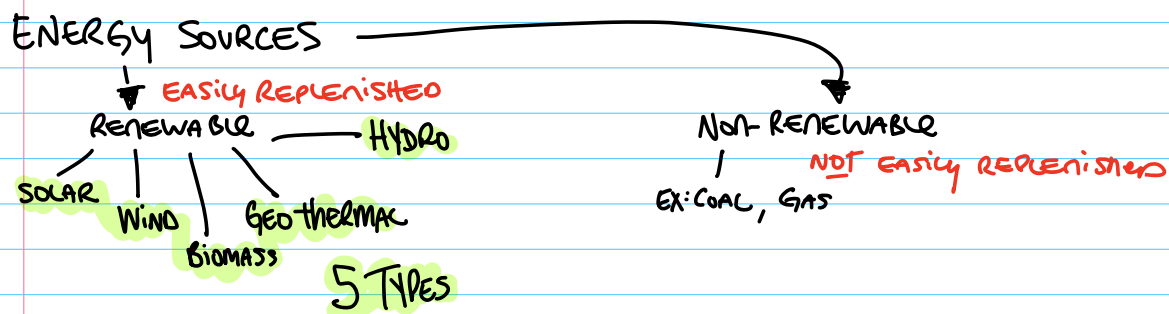


ENERGY SOURCES

ENERGY - IS THE ABILITY TO DO WORK.
- MANY FORMS: NUCLEAR, GAS, LIGHT
- ENERGY IS USED TO DO SOMETHING.

2 TYPES OF ENERGY:

- **POTENTIAL** (STORED) ENERGY EX: FOOD YOU'VE EATEN
- **KINETIC** (WORKING) ENERGY EX: SOMETHING MOVING



ENERGY IS WHAT SOMETHING HAS WHEN IT IS MOVING OR WHEN IT HAS THE POTENTIAL TO MOVE.

A MACHINE REQUIRES ENERGY INPUT TO DO ITS JOB
↳ A DEVICE THAT USES ENERGY TO DO ITS JOB

A SUBSYSTEM IN A COMPLEX MACHINE CAN PRODUCE MOTIONS THAT ARE PART OF THE TRANSFER OF ENERGY

→ LINKAGE = DIRECT CONNECTION USING BELTS OR CHAINS TO TRANSFER ENERGY FROM SOURCE → OBJECT

→ TRANSMISSION - SPECIAL KIND OF LINKAGE FROM ENGINE TO WHEELS IN LARGE VEHICLE
↳ HAS MANY DIFF GEARs.