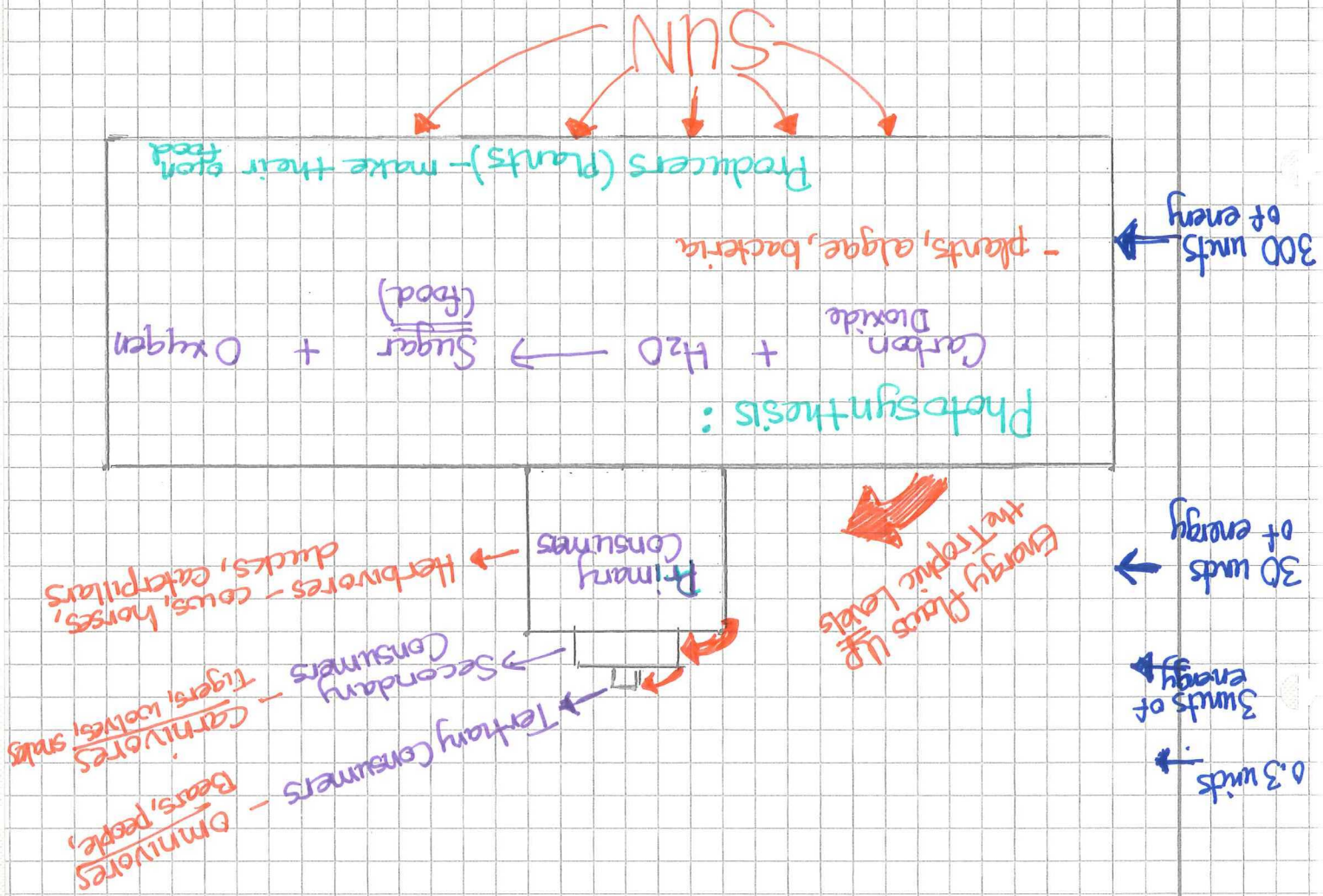


Energy Flow in Ecosystems



- only 10% of all energy is transferred to the next level
 - numbers of organisms at each trophic level decreases because their is less energy to support organisms
 (80-90% of energy is lost as heat - from chemical reactions) used to keep the organisms alive + is converted to

HEAT

- Trophic level - "feeding level"
- Producers - 1st trophic level
- Primary Consumers - 2nd trophic level
- Secondary Consumers - 3rd trophic level
- Tertiary Consumer - 4th trophic level
- tell how far away each feeding level is from THE SUN