







Essential questions

- What limits the production in ecosystems?
- How do nutrients move in the ecosystem?
- How does energy move through the ecosystem?



Ecosystem

- All the organisms in a community plus abiotic factors
 - ecosystems are <u>transformers of energy</u>
 & <u>processors of matter</u>
- Ecosystems are self-sustaining + what is needed?



cycle nutrients

AP Biology

capture energytransfer energy





































































