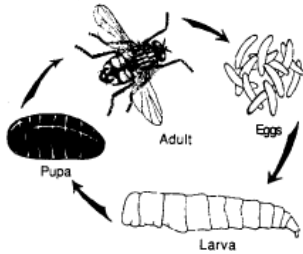
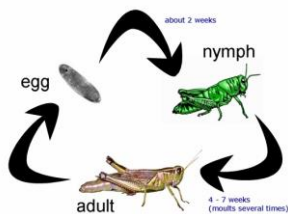


STAAR Strategies

1. Producer= plant
2. Consumer= animal
3. Adaptation= survival
4. Prey= consumer that is hunted
5. Predator= consumer that is doing the hunting
6. Complete metamorphosis= 4 stages (butterfly)

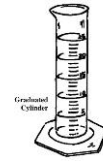


7. Incomplete metamorphosis= 3 stages (grasshopper)



8. Niche= job
9. Offspring= children
10. Safety first= tell the teacher
11. Mass= stays the same

12. Weight= changes with gravity
13. Mixture= easily separated
14. Iron= magnet
15. Graduated cylinder= volume (ml)

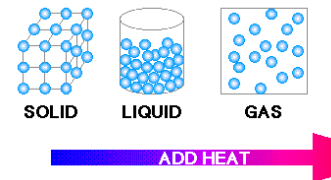


16. Triple beam balance= mass (g)



17. Ruler= length/ distance (m, km, cm, mm)

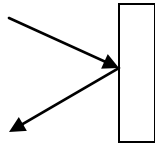
18. States of matter= solid, liquid, gas



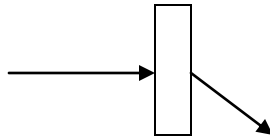
19. Insulator= block energy (rubber, wood, cloth)

20. Conductor= allows energy to flow through (copper and other metals)

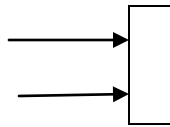
21. Reflect= bounces back



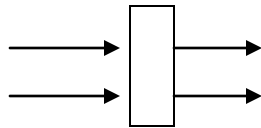
22. Refract= bends



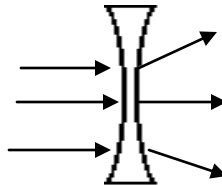
23. Absorb= does not pass through



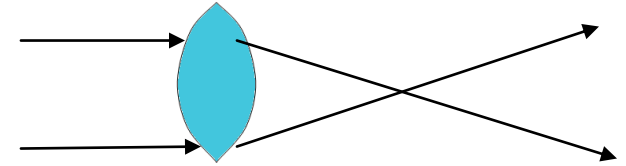
24. Transmit= passes through



25. Concave= lens that "caves in"

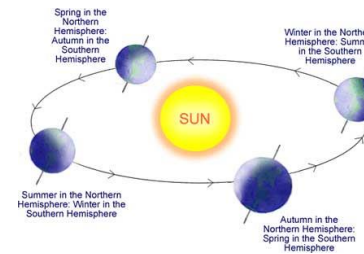


26. Convex= lens that bows out (remember it "vexes" its muscles)



27. Sound= vibration

28. Revolve= to go around (Earth revolves around the Sun.), Causes Seasons



29. Rotate= spin on axis, Causes Day and Night



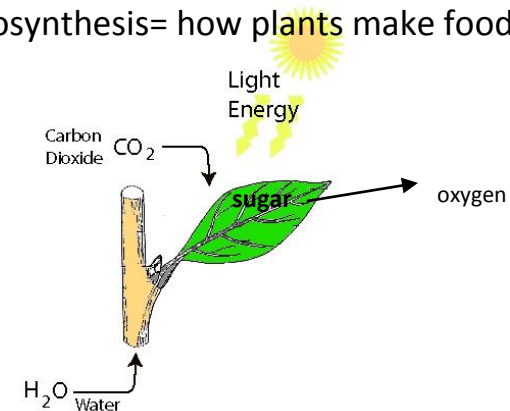
30. Planets= MVEMJSUN

31. Sun= center of the solar system
= energy source for all cycles
= Earth's nearest star
32. 365= # of days for Earth to revolve around the Sun
33. Moon= less weight, same mass
34. Ocean tides= twice a daily (gravitational pull between Earth, Moon, and Sun)
35. Wind= uneven heating and cooling
36. Soil= oldest rock on the bottom
37. W.E.D.= Weathering, Erosion, Deposition
38. Weathering= Breaking of rocks into smaller pieces called sediment.
39. Erosion= the moving of rocks by wind, water, and ice.
40. Deposition= rocks being placed in a new location.
41. Renewable resources= go through a cycle (plants, animals, rocks, soil, water, oxygen, carbon dioxide, nitrogen)
42. Nonrenewable resources= when they are gone, they do not exist anymore or it takes a very long time to

get them again (coal, oil, natural gas, minerals, and metals)

43. Fossil fuels= coal, oil, and natural gas
44. Inexhaustible resources/Alternative Energy= can't be used up (wind, solar, ocean tides)

45. Photosynthesis= how plants make food

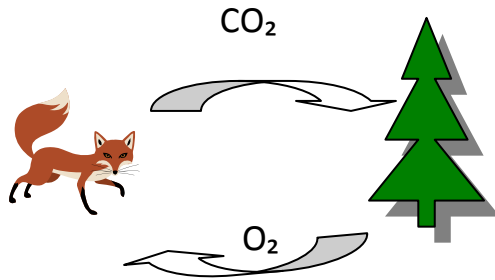


46. Food chain= the flow of energy through an ecosystem

Sun → producer → insect → bird → cat

47. Food web= several food chains linked together

48. CO₂/ O₂ Cycle= exchange of gases



49. Water cycle

