How Producers and Consumers USE their food: Cellular Respiration p. 291

We (*plants and animals*) need to use the energy in our food to do everyday things.

Cellular respiration lets us do that:

Sugar (in food) + O2 = CO2 + H2O

DRAW A PICTURE TO SHOW THIS!

How Producers Make their Food: Photosynthesis p. 266, 290

p. 266: We are made of Matter. **Matter** is recycled. Nutrients are used and reused.

Plants use energy from the sun to make sugar through photosynthesis. **Photo = Light, Synthesis = Make**.

**Chlorophyll** is in plants (green) and catches light to use to make energy.

P.290:

Water (H2O) + Sunlight + Carbon dioxide (CO2)=

Energy (glucose, sugar) + Oxygen (O2)

DRAW THIS IN A PICTURE!

C02

LIGHT

Flower & Leaf: the energy is inside!

02

H2O