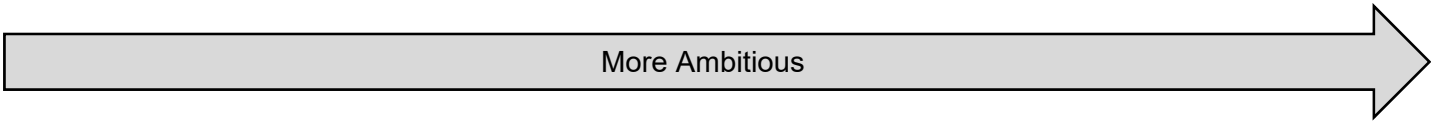


# We will learn: Ecosystem Processes

Element				
1. Knowledge: Photosynthesis	I can explain what photosynthesis is	I can give the word equation for photosynthesis	I can explain what happens to the rate of photosynthesis in different situations	
2. Knowledge: Leaves	I can name the main parts of a leaf	I can give adaptations of parts of a leaf	I can explain how different adaptations of a leaf increase photosynthesis	
3. Knowledge: Plant minerals	I can name some nutrients needed for plant growth	I can explain why different plant nutrients are needed	I can give examples of deficiency symptoms for different nutrients	
4. Knowledge: Chemosynthesis	I can explain what chemosynthesis is and organisms that use it	I can explain what is needed for chemosynthesis	I can compare chemosynthesis to photosynthesis	
5. Knowledge: Respiration	I can describe respiration and the difference between aerobic and anaerobic	I can give word equations for both forms of respiration.	I can identify and explain problems with anaerobic respiration	I can compare and contrast between aerobic and anaerobic respiration
6. Knowledge: Food Webs	I can construct food chain and webs	I can construct food chains and webs using key terms such as producer	I can describe how organisms interact in food webs	I can explain human effects on food webs including bioaccumulation