

# weekly HOMEWORK: science

## 8.L.3.2 – Symbiotic Relationships in Ecosystems

Summarize the relationships among producers, consumers, and decomposers including the positive and negative consequences of such interactions including: coexistence/cooperation, competition (predator/prey), parasitism & mutualism.











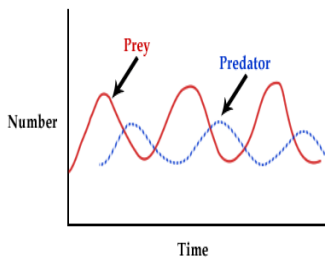

JANUARY 2015						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

### MONDAY

### TUESDAY

### WEDNESDAY

### THURSDAY

<p>26</p>  <p>8.L.3.2</p> <p>Vocabulary</p> <p><b>CREATE FLASHCARDS</b></p> <ol style="list-style-type: none"> <li>1. Competition</li> <li>2. Parasitism</li> <li>3. Mutualism</li> <li>4. Predation</li> <li>5. Symbiotic relationship</li> <li>6. Commensalism</li> <li>7. Niche</li> <li>8. Producer</li> <li>9. Consumer</li> <li>10. Decomposer</li> </ol> <p> Remember... </p> <p><b>FRONT OF CARD:</b></p> <ul style="list-style-type: none"> <li> Word</li> <li> Picture</li> <li> Initials in top left corner</li> </ul> <p><b>BACK OF CARD:</b></p> <ul style="list-style-type: none"> <li> Definition</li> <li> Source</li> </ul> <p><b>DUE TUESDAY</b></p>	<p>27</p>  <p>8.L.3.2</p> <p>Critical Thinking</p> <p><b>ANSWER</b></p> <ol style="list-style-type: none"> <li>1. What are 3 ways organisms deal with limited resource?</li> <li>2. How do organism interactions ensure that energy flows through an ecosystem?</li> </ol> <p><b>DUE FRIDAY</b></p>	<p>28</p>  <p>8.L.3.2</p> <p>Critical Thinking</p> <p><b>ANSWER</b></p>  <ol style="list-style-type: none"> <li>1. Explain what is happening in the graph above.</li> <li>2. Why are predator-prey relationships predictable? Relate your response to the population sizes of the predator and of the prey.</li> </ol> <p><b>DUE FRIDAY</b></p>	<p>29</p>  <p>8.L.3.2</p> <p>Critical Thinking</p> <p><b>ANSWER</b></p> <ol style="list-style-type: none"> <li>1. Create a scenario demonstrating each of the following symbiotic relationships:             <ol style="list-style-type: none"> <li>a. predation</li> <li>b. competition</li> <li>c. parasitism</li> <li>d. mutualism</li> <li>e. commensalism</li> </ol> </li> </ol> <p><b>DUE FRIDAY</b></p>
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Staple this sheet to the **FRONT** of your completed homework packet prior to submitting it on **FRIDAY!**

## weekly HOMEWORK: grade

Based off of student's demonstrated content knowledge and skills

passing: **5** = Superior command   **4** = Solid command   **3** = Sufficient command

failing: **2** = Partial command   **1** = Limited command

