Year 9 Science **Ecology Revision Progress Map**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Success Criteria for Ecology Unit:

● Distinguish between an ecosystem and a food web

● Describe how biotic and abiotic factors interact in ecosystems

● Explain the impact of removing a predator from a food web

● Explain why competition occurs between organisms of the same species and different species

● Compare the 3 main types of symbiosis (mutualism, commensalism, parasitism)

● Describe how producers and consumers obtain energy

● Explain why energy is lost in each step of a food chain

● Explain why matter is lost from a food chain

● Describe how carbon cycles through ecosystems

**Task: Complete the Quiz for each Key Idea and fill in the information below.**

**2.1 Quiz: What are Ecosystems**

Your Score: \_\_\_\_\_ / 6

What ideas do you need to revise for your topic test?  
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**2.6 Quiz: Relationships in Ecosystems**  
Your Score: \_\_\_\_\_ / 7

What ideas do you need to revise for your topic test?  
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**3.1 Quiz: Energy Transfer**  
Your Score: \_\_\_\_\_ / 6

What ideas do you need to revise for your topic test?  
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**3.2 Quiz: The cycling of matter**  
Your Score: \_\_\_\_\_ / 4

What ideas do you need to revise for your topic test?  
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