

# Nanobugs

Name:

Period:

Observe the nanobug that has been provided for you. Use Chapter 2, Section 1 to help you answer the questions below.

How does the nanobug move around its environment?



What happens if the nanobug bumps into a wall?

What happens if you lift up one of the orange gates that keeps it from getting to the table?

What happens if you flip the nanobug on its side?

What happens if you flip the nanobug on its back?

Fill out the first column in the chart below by writing YES or NO. If YES, explain why.

Does it...	YES or NO	If yes, explain why below.
use energy to make cells?		
use energy to sense and respond to change?		
use energy to reproduce?		
use energy to make DNA?		
collect energy to use?		
use energy to grow and develop?		

Is the nanobug biotic or abiotic? \_\_\_\_\_ Explain your choice below.