

# Cell Biology

Name:

## Nanobugs

Period:

Observe the nanobug that has been provided for you. Use Chapter 2, Sections 1 and 2 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 chart below by writing YES or NO. If YES, explain why.

Does it...	yes / no	because...
have cells?		
sense and respond to change?		
reproduce?		
have DNA?		
use energy?		
grow and develop?		

Is the nanobug alive? \_\_\_\_\_ Why or why not? Explain your choice below.