

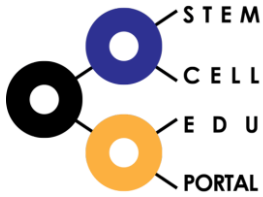
Name: _____ Date: _____ Per: _____

Unit 2: Appendix B

Howard Hughes Medical Institute
Planaria Video Questions

View video: <http://www.hhmi.org/biointeractive/planarian-regeneration-and-stem-cells>

1. What are Planaria related to? Where and how do they live?
2. What evolutionary aspect is noteworthy about Planaria?
3. What function does a Planaria's pharynx serve?
4. What are Planaria's eyespots for?
5. Why are Planaria's cells different from other organisms?



6. What is the minimum amount of a Planaria needed to regenerate an entire new planaria? How long does regeneration take?
7. What is the function of Neoblast cells?
8. How many genes are involved in a Planaria's regeneration? What does the protein *smedwi* do?