Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The Shape of Life – Arthropods

Guided Notes

1. What domain are arthropods in?
2. What kingdom are arthropods in?
3. Where did all life begin?
4. The first group of animals to leave the water had what?
5. What is one of the secrets to arthropods’ success?
6. What 2 things do arthropods have that enable them to sense their environment?
7. What are some characteristics of arthropods that help them succeed?
8. Where is their skeleton located?
9. What must arthropods do to grow?
10. About how long does it take for a crab’s exoskeleton to harden?
11. Eurypterids are sea what?
12. What is the living relative of the Eurypterid?
13. Where do horseshoe crabs lay their eggs?
14. What did a lot of arthropods “breathe” with in the water?
15. What are some uses for appendages?
16. What are some advantages to living on land?
17. Through evolution book gills turned into what, that enabled arthropods to live on land?
18. What are detritivores?
19. What process turns larvae into adults?
20. Approximately what proportion of insects fly?
21. How do insects help flowering plants?
22. Why are high speeds capable in arthropods?