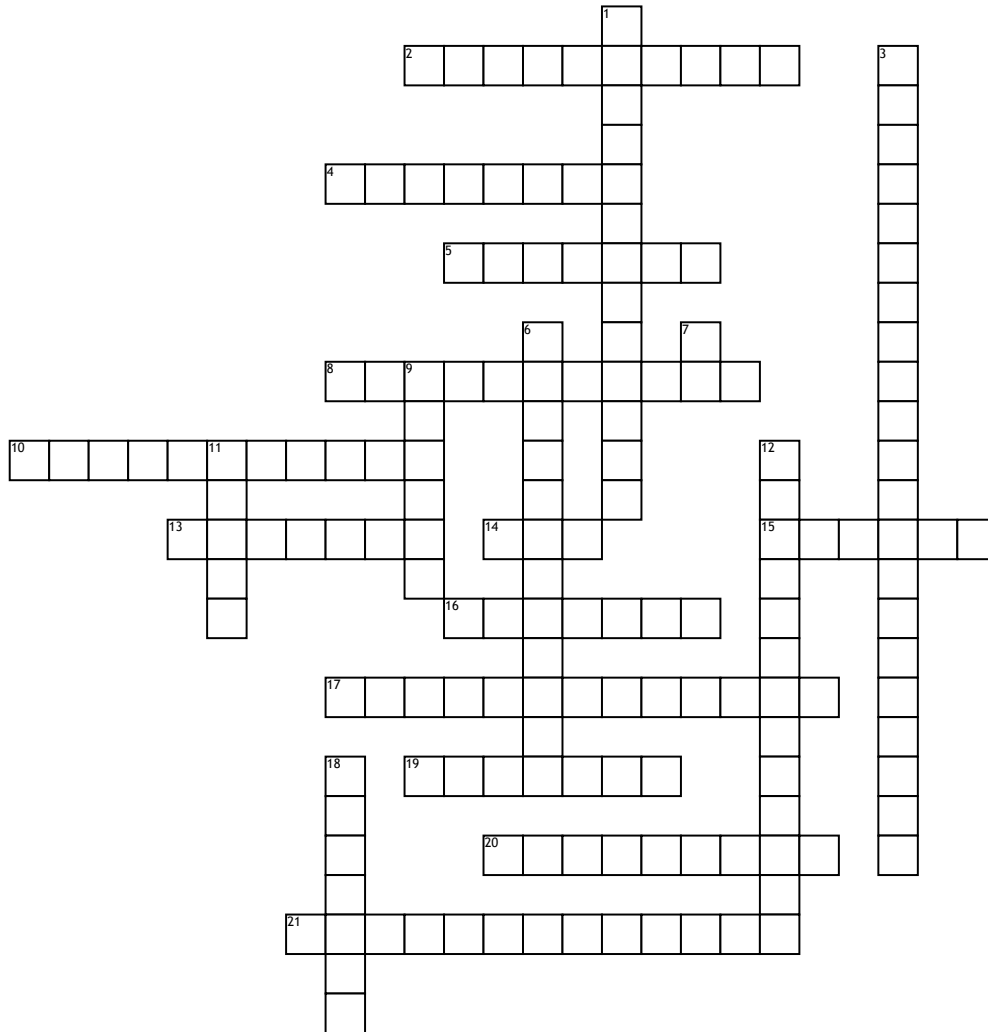


# Porifera



**Across**

- 2. sponges are non symmetrical or \_\_\_\_\_
- 4. Which Phylum are sponges considered to be in?
- 5. Sponges reproduce asexually by \_\_\_\_\_
- 8. One thing that the transfer of water in a sponge provides, is \_\_\_\_\_
- 10. What are the specialized cells that use their flagella to move water through the sponge?
- 13. When sponges deal with challenging conditions, they sometimes create what is called a \_\_\_\_\_

**Word Bank**

- |                               |            |               |               |               |
|-------------------------------|------------|---------------|---------------|---------------|
| Internal fertilization system | toxins     | Choanocytes   | Yes           | Intracellular |
| Invertebrates                 | budding    | Sessile       | Osculum       | Archaeocytes  |
| Ocean                         | Asymmetric | Spicule       | Multicellular | No            |
| Gemmule                       | Porifera   | Cephalization | respiration   | asexually     |

- 14. Is the he immature state of an organism called a larva
- 15. sponges release \_\_\_\_\_ for self defense
- 16. What does the water in a sponge leave through?
- 17. Animals like sponges, that have no backbone are called?
- 19. Sponges spend their entire lives attached to a single spot so they are \_\_\_\_\_
- 20. Other than being able to reproduce sexually, sponges can also reproduce \_\_\_\_\_
- 21. Sponges are classified as animals because they are \_\_\_\_\_

**Down**

- 1. Porifera is the only phylum that doesn't have \_\_\_\_\_
- 3. The process in which sponge's eggs are fertilized within the sponge's body is called \_\_\_\_\_
- 6. What are spicules made by?
- 7. Do sponges have a Coelem?
- 9. Sponges do not have a nervous \_\_\_\_\_
- 11. Most sponges live in the \_\_\_\_\_
- 12. The digestion in the sponge is \_\_\_\_\_
- 18. A \_\_\_\_\_ is what harder sponge's skeletons are made of.