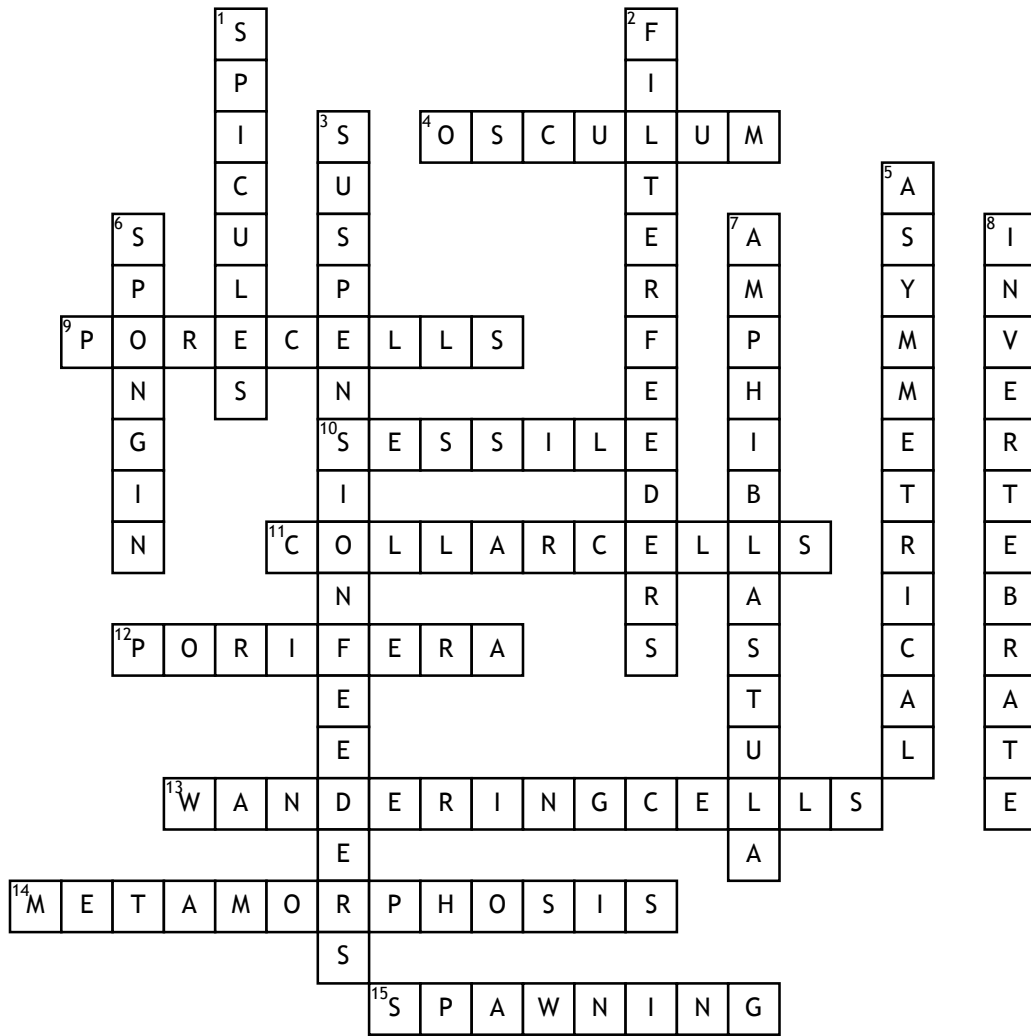


Name: _____

Sponges Crossword Puzzle



Across

- 4. a large aperture in a sponge through which water is expelled
- 9. water flows into a sponge through cells with pores
- 10. fixed in one place; immobile
- 11. Cells that line the interior of sponges, cells are surrounded by a collar of microvilli
- 12. a phylum of aquatic invertebrate animals that comprises the sponges

- 13. cells that are found in connective tissue, but are not fixed in place and move around
- 14. a change of the form or nature of a thing or person into a completely different one
- 15. eject sperm and egg cells into the water, the larva settles to a suitable location on the bottom and grows into an adult sponge

- 2. feed by straining suspended matter and food particles from water
- 3. an animal that feeds on material (such as planktonic organisms) suspended in water
- 5. having parts or aspects that are not equal or equivalent
- 6. fibrous substance found in the skeleton of many sponges
- 7. a free-swimming larva in certain sponges
- 8. an animal lacking a backbone

Down

- 1. structural elements found in most sponges. They provide structural support and deter predators

Word Bank

- | | | | |
|---------------|--------------------|----------------|-----------------|
| spawning | porifera | amphiblastula | spicules |
| metamorphosis | collar cells | filter feeders | wandering cells |
| invertebrate | asymmetrical | spongin | pore cells |
| osculum | suspension feeders | sessile | |