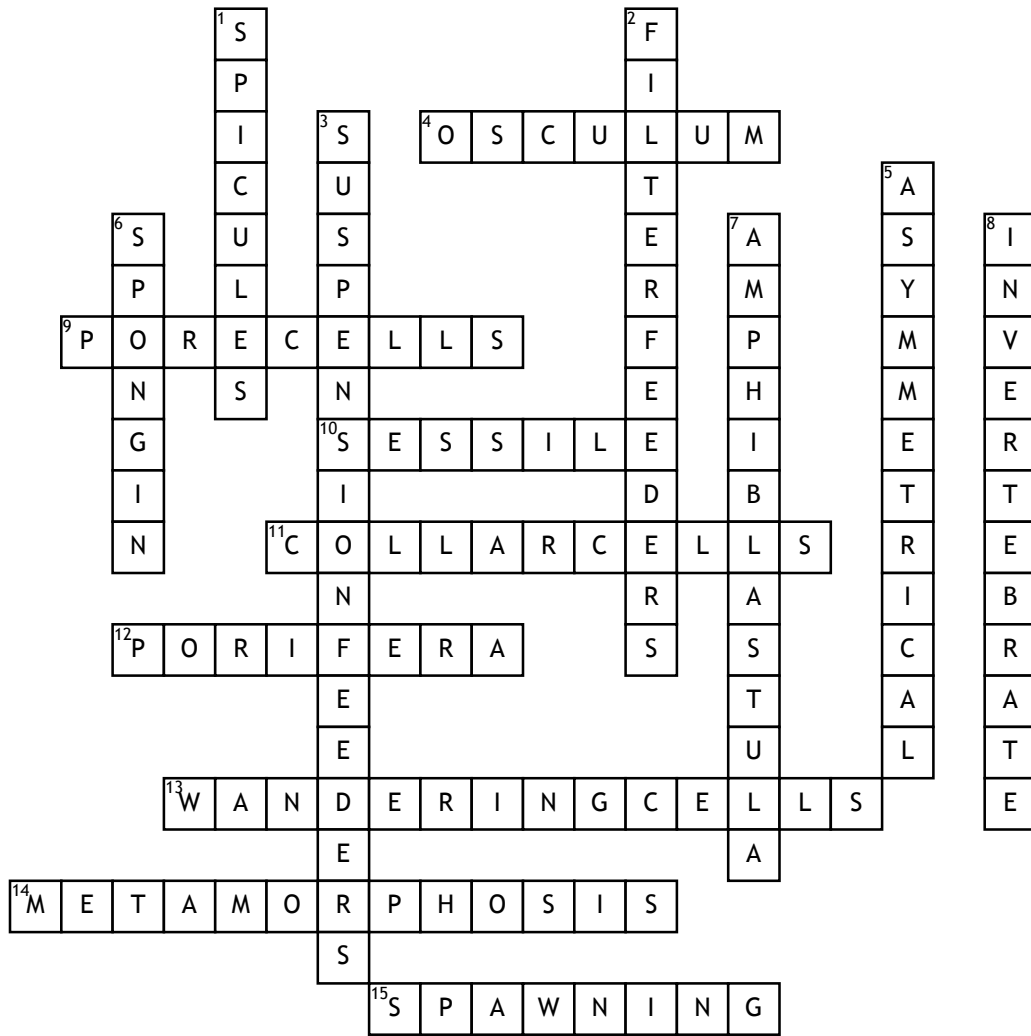


Name: _____

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

Down

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

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

Word Bank

porifera

suspension feeders

wandering cells

asymmetrical

invertebrate

spongin

metamorphosis

osculum

spicules

pore cells

sessile

collar cells

spawning

amphiblastula

filter feeders