Sponges Crossword Puzzle & Feeding Diagram Worksheet

Name: ____________________ Hour: _______ Date: ____________

Across
2. Large opening at the top of a sponge’s body cavity that releases waste water
5. Three-pointed star-like structures that give sponges rigidity
6. Sponges can live in both freshwater and ________
8. Small openings covering the outer layer of sponges that suck in water
11. Term to describe organisms that are made up of more than one cell
12. Sponges contain ________ layers of cells
13. Sponges are nicknamed ________-feeders
14. Sponges are considered to be ________ because they do not contain a backbone
15. Whip-like structures along the inner cavity of sponges that push water upward

Down
1. Term to describe organisms that do not make their own food
3. Type of specialized cells that line the inner walls of sponges
4. Type of reproduction that is also called “regeneration” or “budding”
5. When sponges become adults, they are called ________ and stay in one spot for the rest of their lives
7. Young sponges move around to find a place to live by swimming with small hair-like structures called ________
8. Phylum to which sponges are classified
9. Soft material that makes sponges squeezable
10. Over ________-thousand species of sponges exist

😊 ON THE BACK: Draw and label a diagram showing how a sponge obtains its food on the back of this puzzle!