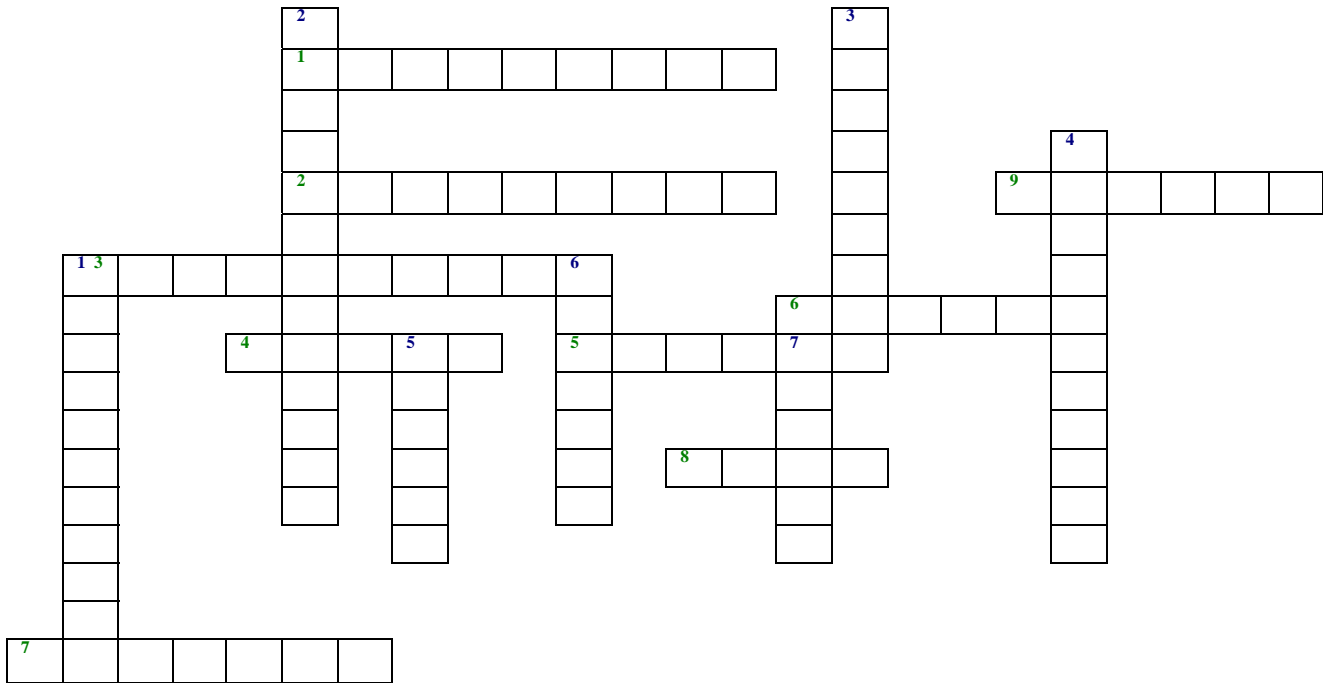
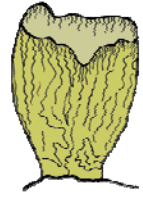


## Sponge Crossword Puzzle \*

\*designed to be used with Filter-Feeding Sponge Lesson



### Across (in green numbers)

1. water enters the sponge through this kind of pore
2. water exits the sponge through this kind of pore
3. name given to sponges because their bodies have many pores
4. smallest unit of life, sponges have two kinds of these
5. gas needed by all animals, including sponges
6. measure of how much space something takes up
7. name given to plants/animals that live attached to something
8. a tiny hole
9. this kind of cell creates the current that draws water into the sponge

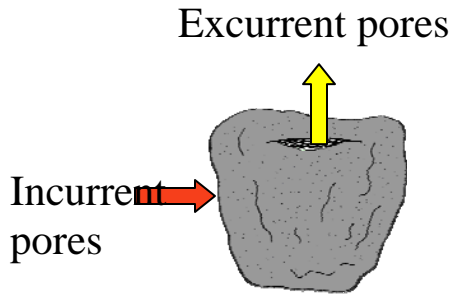
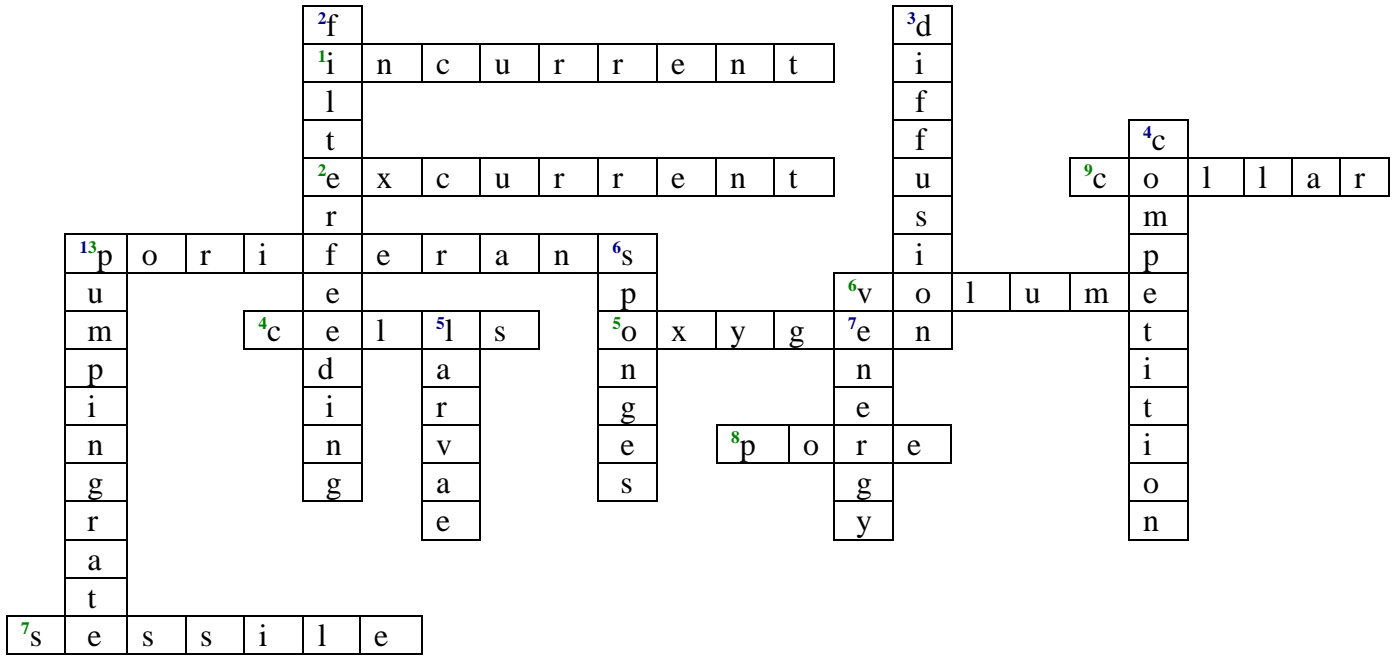
### Down (in blue numbers)

1. how fast water moves through the sponge
2. method of getting food and oxygen used by sponges
3. this occurs when substances spread out naturally
4. this occurs when animals seek food and shelter and other things available only in limited amounts
5. youngest stage of life in many animals
6. name for simple animals with porous bodies
7. animals and plants need this to grow and live

## Sponge Crossword Puzzle Key

### Crossword Puzzle Words

Filter-feeding, pumping rate, volume, pore, excurrent, incurrent, sponges, collar, poriferan, energy, oxygen, competition, larvae, cells, sessile, diffusion



Water is drawn into the incurrent pores (using collar cells), oxygen and food are removed by cells in the sponge, water is expelled through excurrent pores (top) along with waste products of the sponge.

### Filter-feeding in Sponges