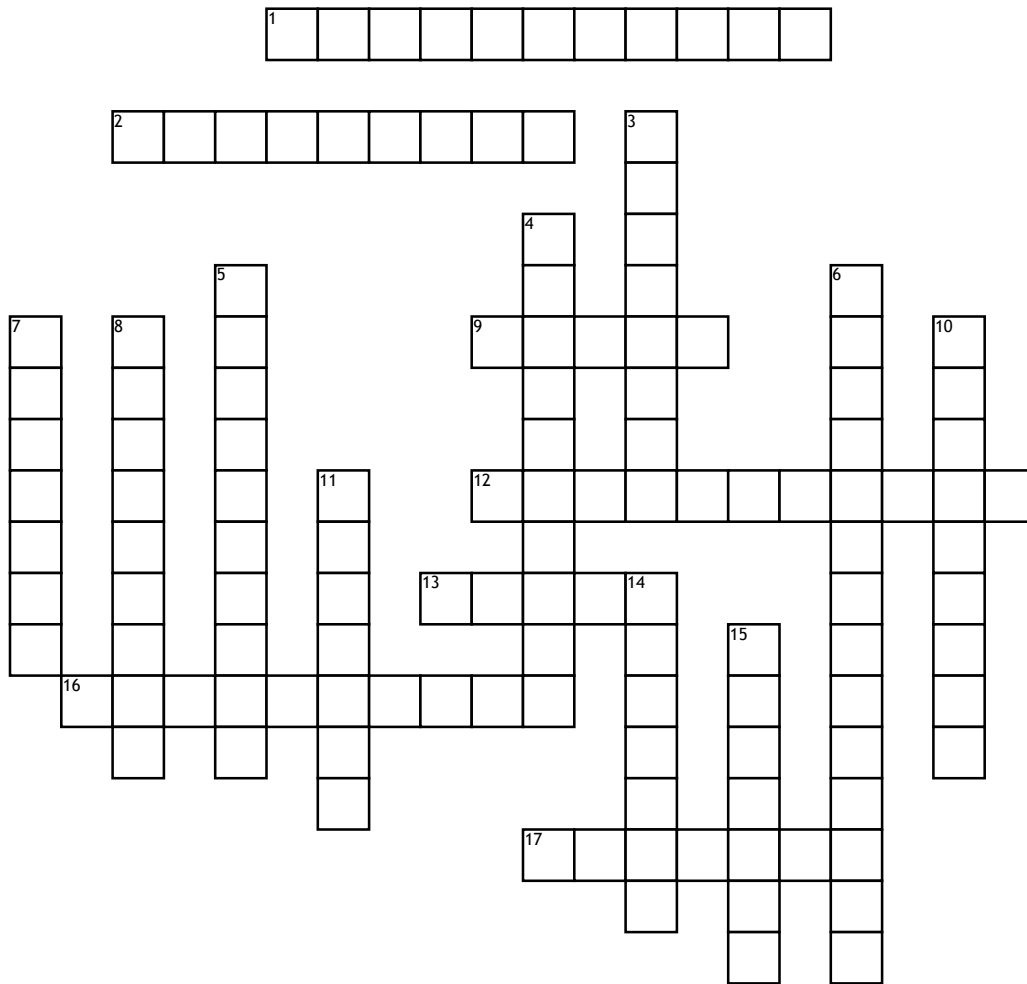


# Exchange



## Across

1. Inspiration
2. the outer layer of tissue in a plant
9. the quantitative relation between two amounts showing the number of times one value contains or is contained within the other.
12. Ventilation
13. respiratory organ of fish and some amphibians, by which oxygen is extracted from water

16. type of plants that have evolved a range of adaptation to limit water loss through transpiration

## Down

3. an inclined part of a road or railway; a slope. (this is amazingly simple, don't overthink it!)
4. Trachea divided into smaller dead ended tubes called...
5. Expiration

6. a current flowing in an opposite direction to another
7. Alveoli
8. opening of the trachea at the body surface. these can be closed to reduce water loss
10. the inner tissue of a leaf, containing many chloroplasts
11. Trachea
14. minute pores in the epidermis of the leaf
15. Bronchi

## Word Bank

Trachea	Expiration	cuticle	Stomata	Tracheoles
Ventilation	Xerophytes	Gills	Bronchi	Ratio
Spiracles	countercurrent	Epidermis	gradient	Alveoli
Inspiration	mesophyll			