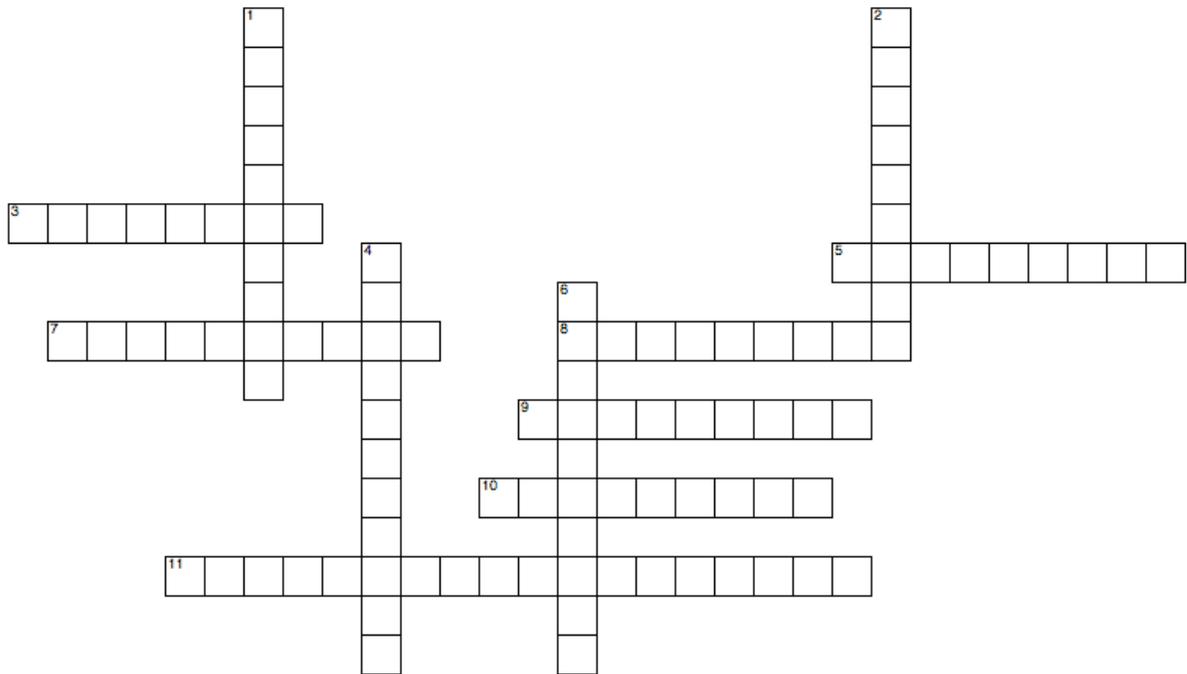


## Key Biological Concepts - Terms to Know



### Across

3 \_\_\_\_\_: how we get rid of undigested food.

5 \_\_\_\_\_: the use of mechanical and/or chemical processes to break complex foods down into smaller forms that can be used by our bodies.

7 \_\_\_\_\_: all of the chemical reactions which maintain life, which can be subcategorized as catabolism (breaking down molecules to get energy) and anabolism (synthesizing, or making, needed compounds).

8 \_\_\_\_\_: how we get rid of waste. We breathe out carbon dioxide, so our lungs help us get rid of waste. We sweat out other waste products. Our kidneys also filter our blood to remove waste materials and keep the good stuff. The liver also helps us get rid of old red blood cells.

9 \_\_\_\_\_: how you get the nutrients you need to function and live. The digestive system gets us the nutrients we need out of the foods we eat.

10 \_\_\_\_\_: how you absorb and distribute substances needed to sustain life as well as waste materials and harmful substances. The lymphatic systems and circulatory systems do this.

11 \_\_\_\_\_: how compensations and adjustments are made so that the internal state is always the same. Things are constantly changing in our bodies and yet our bodies must constantly balance its internal environment. (HINT: this is a 2 word answer - do not include a space in between the words)

### Down

1 \_\_\_\_\_: how you move. Bones & muscles, and the nervous system accomplish this.

2 \_\_\_\_\_: taking in nutrients.

4 \_\_\_\_\_: how we get from food → energy. Our lungs get us oxygen out of the air we breathe. Within our cells, the oxygen we breathe combines with compounds from the foods we eat to generate energy & water.

6 \_\_\_\_\_: the control & coordination of life functions. The nervous system and the endocrine system help do this.

### Word bank

Metabolism    Nutrition    Transport    Respiration    Excretion    Regulation  
Locomotion    Dynamic Equilibrium    Ingestion    Digestion



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