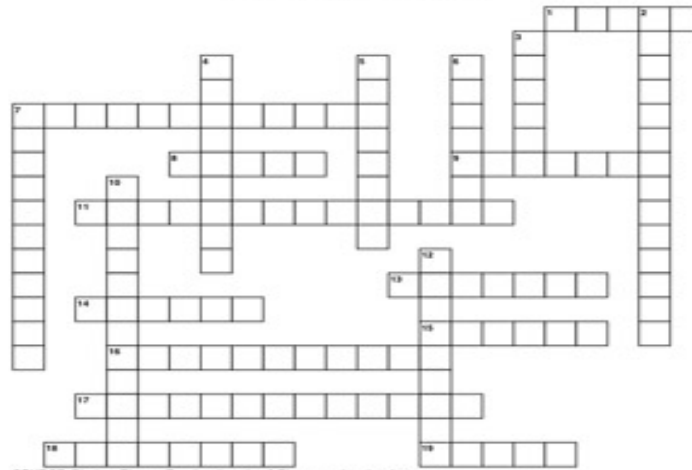




**PHOTOSYNTHESIS  
CROSSWORD PUZZLE**



SOURCE: Rhythm, Rhyme, Results...the other 3 R's. www.educationalrap.com

**ACROSS**

- 1 a product of light, water, air and space
- 7 C3P is an example
- 8 its formula is H<sub>2</sub>O
- 9 a definition for chemical reactions working together
- 11 another name for Calvin cycle (2 words)
- 13 a sugar produced by plants
- 14 the part of a tree that receives sunlight and CO<sub>2</sub> for photosynthesis
- 15 dioxide its formula is CO<sub>2</sub> (2 words)
- 16 a vital part of a plant cell that captures light or carbon dioxide
- 17 occurs in plants during daylight hours (2 words)
- 18 captured in 'light' reaction to begin photosynthesis
- 19 energy type of energy captured in 'light' reaction (2 words)

**DOWN**

- 2 process used by plants to convert solar energy to food
- 3 what plants make that is vital to humans
- 4 a membrane found in chloroplasts
- 5 the form of energy photosynthesis transforms sunlight into
- 6 an enzyme used in photosynthesis
- 7 also known as 'dark' reaction (2 words)
- 10 also known as light independent (or absent) reaction (2 words)
- 12 initiated by the capture of light, these flow through photosystems