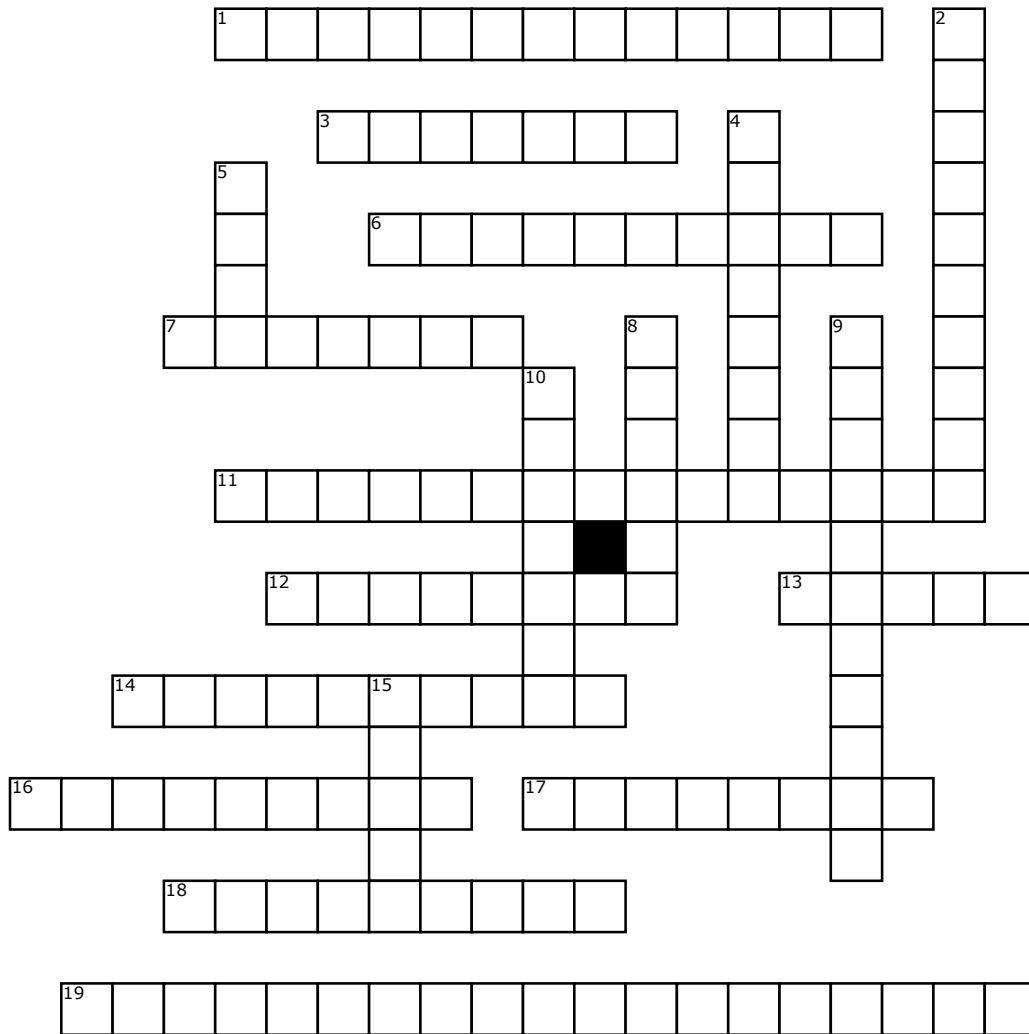


# W...E...D...



**Across**

- 1. When this substance in the air combines with water and is responsible for forming many of the caves at Thacher Park.
- 3. When a body of water or glacier is removed from a rock formation causing the release of pressure.
- 6. When eroded material is dropped off or settles in a new location.
- 7. Large mass of ice formed in cold regions from compacted snow that move across land slowly.
- 11. \_\_\_\_\_ are agents of chemical weathering because they release a weak acid in their root tips.
- 12. The grinding away of rock material by wind, water, or ice.

- 13. \_\_\_\_\_ dissolves minerals slowly and is the most important agent of chemical weathering.
- 14. Long grooves or scratches on a surface of a rock left behind from a moving glacier.
- 16. Having a series of tiny connected air spaces.
- 17. Rock material that forms when rocks are broken down into smaller pieces.
- 18. The movement of a mass of rock, debris, or earth down a slope.
- 19. When the outside of a rock is heated more rapidly than the inside causing it to crack and exfoliate or flake off.

- 4. An agent of chemical weathering caused by burning fossil fuels (coal, oil, gas) mixed with water vapor.
- 5. A mixture of weathered rock, decayed organic material, water and air and is used for plants to grow..
- 8. When iron is mixed with this substance, it creates rust or iron oxide.
- 9. The movement of rock and soil down slope due to the influence of gravity
- 10. The movement of weathered material from one location to another.
- 15. Pieces of rock debris that fall and form at the base of a cliff.

**Down**

- 2. Rock that stands out enough in appearance that one can tell it apart from other rock layers.

**Word Bank**

- |            |                |           |                      |
|------------|----------------|-----------|----------------------|
| LANDSLIDE  | FORMATIONS     | REBOUND   | DEPOSITION           |
| TALUS      | CARBON DIOXIDE | ACID RAIN | EXTREME TEMPERATURES |
| GLACIER    | MASS WASTING   | WATER     | LIVING ORGANISMS     |
| SEDIMENT   | SOIL           | EROSION   | PERMEABLE            |
| STRIATIONS | OXYGEN         | ABRASION  |                      |