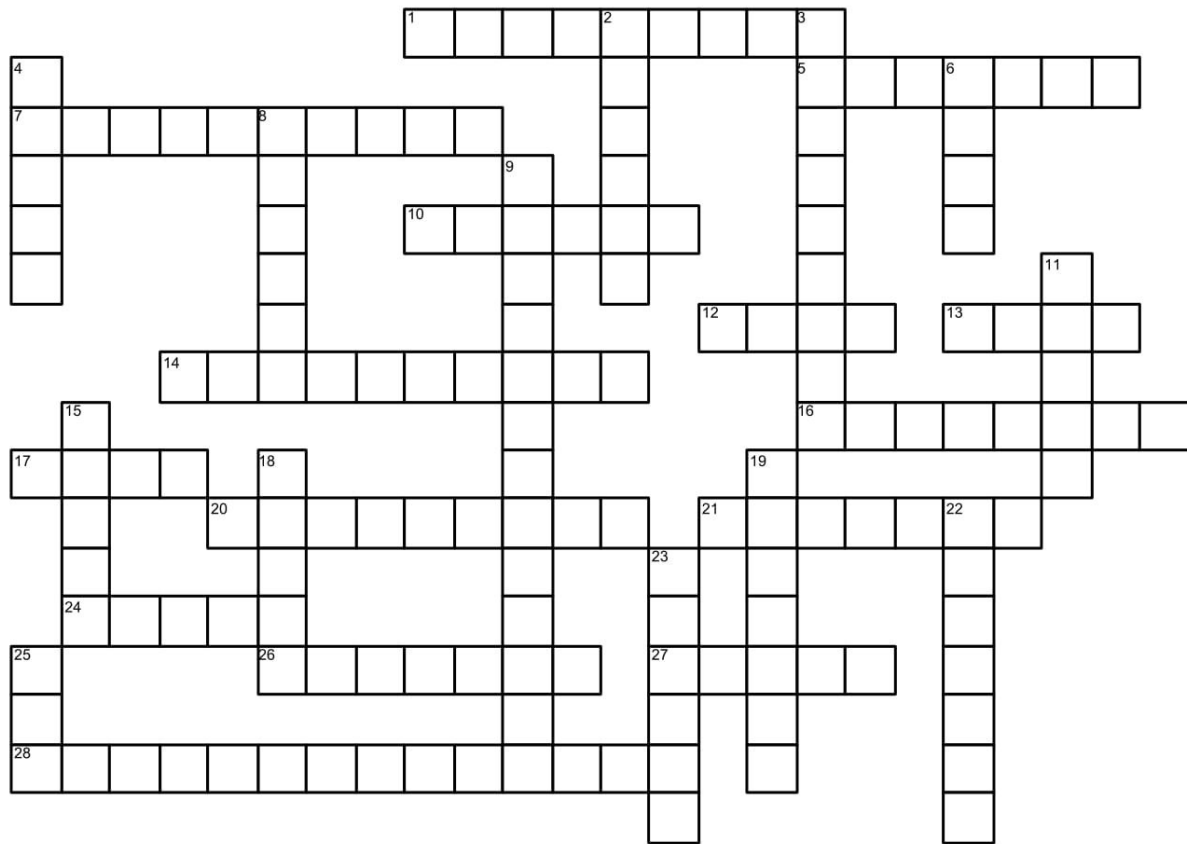


Arbor Day Challenge



ACROSS

- 1 As sapwood ages, it dies and becomes _____.
- 5 Trees help prevent soil loss, also known as _____.
- 7 A tropical woodland that receives at least 100 inches of rain a year.
- 10 They capture sunlight and convert it to food.
- 12 Trees make _____ for humans and wildlife.
- 13 This acts as a coat of armor for a tree, protecting it from insects, storms, and disease.
- 14 _____ trees have long, pointed needles or short, flat scales instead of leaves.
- 16 When a seed sprouts, it becomes a _____.
- 17 A tree's roots absorb water and nutrients from the _____.
- 20 Tree filter _____ from the air.
- 21 As a seedling grows, it becomes a _____.
- 24 Trees create _____ on a hot summer day.
- 26 The world's biggest tree is the giant sequoia.
- 27 These anchor a tree to the ground.
- 28 The process by which a tree feeds itself.

DOWN

- 2 Wood that has been cut to produce construction materials or paper.
- 3 _____ trees shed their leaves in the fall and sprout new leaves in spring.
- 4 The main stem of the tree.
- 6 Like all plants, a tree begins from a _____.
- 8 Trees produce _____, which all living things need to survive.
- 9 Trees absorb _____, a harmful gas.
- 11 Many deciduous trees including apple trees and cherry trees reproduce through seeds in _____.
- 15 Trees provide _____ for animals.
- 18 The seeds of coniferous trees grow in _____.
- 19 Younger layers of wood that carry water from the tree's roots to its branches and leaves.
- 22 The "leaves" of a pine tree.
- 23 An area filled with trees, bushes, and undergrowth.
- 25 Nutrient-rich fluid inside a tree.