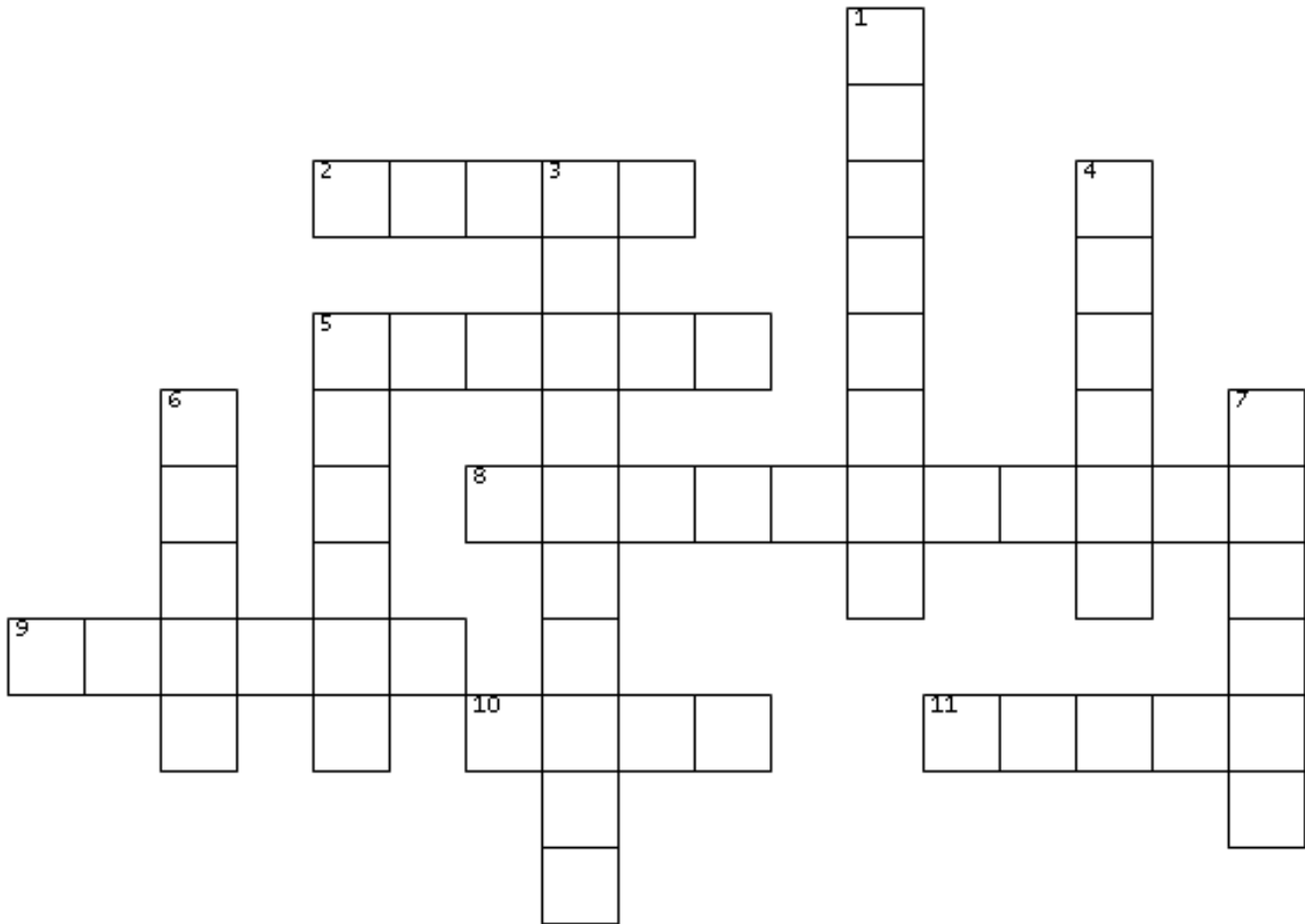


Pollination Puzzle



ACROSS

2. the modified leaves of a flower, often colorful. (Clue: what we pluck from a flower when saying “they love me; they love me not”)
5. the sticky part of a flower’s pistil that receives pollen before transporting it to the ovule via the style.
8. the transfer of pollen from the stamen (male) to the stigma (female). (Clue: this is the topic of this program!)
9. a powdery substance containing reproductive cells produced by the stamen of a flower, without which, angiosperms could not reproduce. (Clue: when anemophilous plants (wind pollinated) release this, many of us often experience itchy throats, runny noses and weepy eyes).
10. a plant structure that contains the embryonic cells of a plant and its initial food supply within a protective outer layer. (Clue: acorns and corn kernels are examples of these.)
11. located at the base of the stigma, this contains the female reproductive cell of a plant which later develops into a seed after fertilization. (Clue: rhymes, sort of, with the word module).

DOWN

1. the slender stalk of a flower's stamen that supports the pollen producing anther. (Clue: the same name as the threadlike thermoplastic we use in 3D printing; it rhymes a bit with peppermint...)
3. a plant that uses flowers to reproduce. (Clue: this word comes from Greek meaning "hidden seed" and has the name "Angie" in it)
4. The stigma, style, and ovule all make up this single word name for the female reproductive organs of an angiosperm. (clue: it rhymes with the word thistle)
5. The male reproductive organs of a flower made up of both the filament and anther. (Clue: the word "men" is found in this answer which helps us remember)
6. the long, slender stalk of the pistil that connects the stigma and the ovary (Clue: this same word can refer to a person's fashion sense)
7. the part of a flower's stamen that contains the pollen and is located on the tips of the filaments. (Clue: change one letter and you've got the name of the bony structures atop a buck but not a doe!)

