Floret- Individual flowers bracted by a lemma and palea
Spikelet- The basic unit of a grass inflorescence consisting of 2 glumes and 2 or more florets
Glumes- A pair of bracts at the base of a spikelet
Awn- A bristle-like appendage, usually a continuation of the mid-nerve of the lemma or the glume
Culm- A grass stem, usually hollow except at the ordinarily swollen nodes
Node- The joint of a culm (the “knees” of a grass stem)
Internode- The culm (stem) segment between two nodes
Blade- The laterally expanded portion of a grass leaf
Sheath- The basal portion of the leaf that surrounds a grass stem
Leaf- The sheath and blade of a grass
Collar- The outer side of a grass leaf at the junction of the sheath and blade, often lighter colored than the surrounding tissue
Stolon- Stems that lie upon the ground and root at the nodes or at least bend over and root at the tip
Rhizome- A creeping underground stem
Fibrous- A type of root form
Ligule- An outgrowth from the leaf sheath. Because they vary in size, shape, and texture, they are used in the identification process
Lemma- The lower of two bracts surrounding the grass flower (see palea)
Palea- The uppermost of two bracts surrounding the grass flower (see lemma)
Anatomy of a Grass

Down
1. Stems that lie upon the ground and root at the nodes or at least bend over and root at the tip
2. A type of root form
5. The culm (stem) segment between two nodes
6. A pair of bracts at the base of a spikelet
8. A grass stem, usually hollow except at the ordinarily swollen nodes
10. The uppermost of two bracts surrounding the grass flower (see lemma)
11. Individual flowers bracted by a lemma and palea
13. The laterally expanded portion of a grass leaf
17. A bristle-like appendage, usually a continuation of the mid-nerve of the lemma or the glume

Across
3. The outer side of a grass leaf at the junction of the sheath and blade, often lighter colored than the surrounding tissue
4. A creeping underground stem
7. The joint of a culm (the “knees” of a grass stem)
9. The basic unit of a grass inflorescence consisting of 2 glumes and 2 or more florets
12. The sheath and blade of a grass
14. An outgrowth from the leaf sheath. Because they vary in size, shape, and texture, they are used in the identification process
15. The lower of two bracts surrounding the grass flower (see palea)
16. The basal portion of the leaf that surrounds a grass stem

Word Bank
rhizome
stolon
fibrous
culm
spikelet
palea
lemma
ligule
floret
glumes
leaf
node
blade
collar
internode
sheath
awn