

WordWise

Use the clues to help you find the vocabulary terms from Chapter 23 hidden in the puzzle below. The words may occur vertically, horizontally, or diagonally.

1. Heartwood is surrounded by _____.
2. The parenchyma cells inside the ring of vascular tissue in dicot stems are known as _____.
3. Between the nodes on a stem are _____ regions.
4. A(an) _____ is a primary root that is longer and thicker than the secondary roots.
5. The bulk of most leaves is composed of _____.
6. Epidermal cells are often covered with a waxy layer called a(an) _____.
7. A(an) _____ contains undeveloped tissue that can produce a new stem or leaf.
8. The spongy layer of ground tissue just inside the epidermis of a root is known as the _____.
9. The thin, flattened section of a leaf is a(an) _____.
10. The place where a leaf is attached to a stem is a(an) _____.
11. The spongy layer of ground tissue that completely encloses vascular tissue in the central region of a root is _____.
12. At the end, or tip, of each growing stem and root is a group of undifferentiated cells called an apical _____.

e n d o d e r m i s
 c p p i t h b a q n
 u n m w a i p u m o
 t c s a p w o o d d
 i n t e r n o d e e
 c m e s o p h y l l
 l y a p o b l a d e
 e c o r t e x w m l
 k n m e r i s t e m