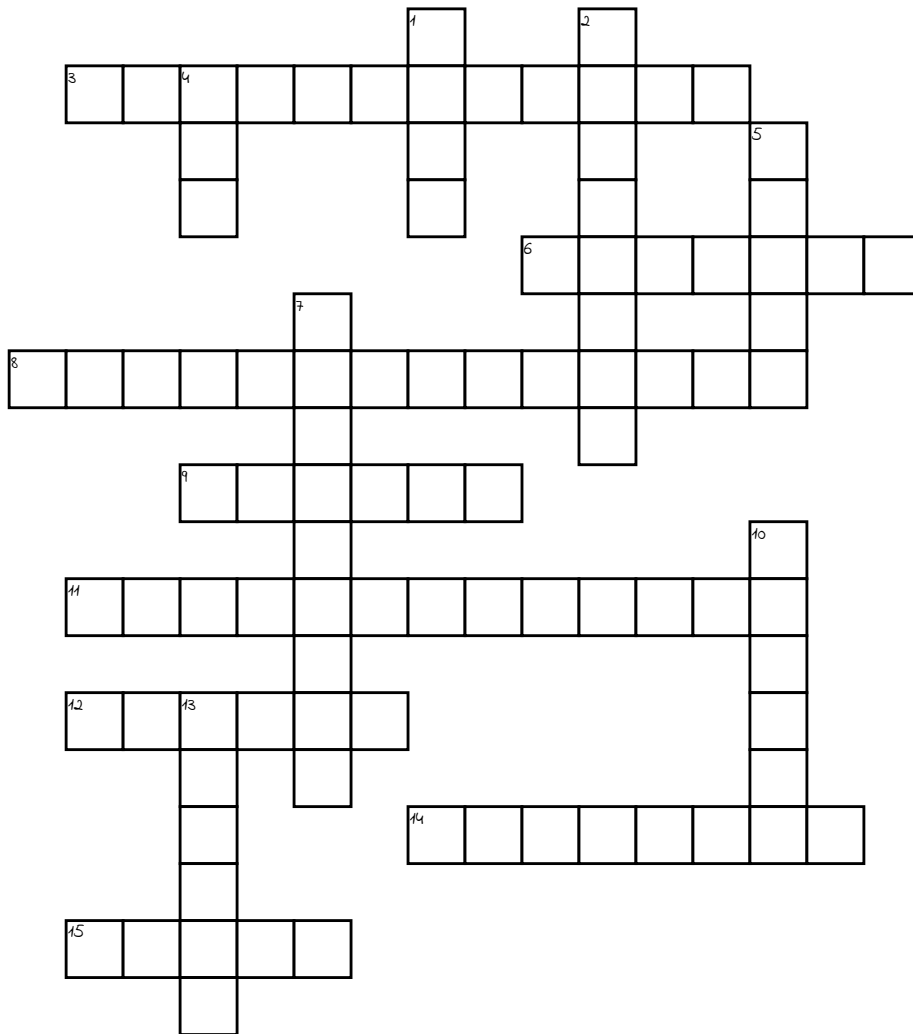


# DENTIN



## Across

3. type of dentin found between tubules  
 6. structure through which dentin and pulp communicate and transfer nutrients  
 8. production of dentin  
 9. result of biofilm extending deep from the enamel into dentin  
 11. dentin originates from the \_\_\_\_\_

12. function of tertiary dentin

14. Lines of \_\_\_\_\_ represent growth rings  
 15. Dentinal \_\_\_\_\_ affects permeability of dentin

## Down

1. dentin's source of nutrients  
 2. Predentin matures by forming \_\_\_\_\_ which mineralizes into mature dentin

4. globular dentin has gone through \_\_\_\_\_ phase(s) of mineralization.

5. odontoblastic processes connect tubules between \_\_\_\_\_  
 7. dentin is composed of 70% \_\_\_\_\_ material  
 10. name for mature dentin  
 13. dentin is \_\_\_\_\_, making it susceptible to staining

## Word Bank

- |          |                |           |                |              |
|----------|----------------|-----------|----------------|--------------|
| caries   | repair         | Von Ebner | cells          | pulp         |
| porous   | dental papilla | tubules   | dentinogenesis | intertubular |
| globules | fluid          | two       | inorganic      | mantle       |