

## **Periodontal Disease Lesson Plan**

**Lesson Goal:** To provide students with the knowledge of periodontal disease, including types, preventative methods, and treatments.

**Major Objectives:**

-After presenting the PowerPoint about periodontal disease, students will be able to understand and prevent periodontal disease from occurring.

-After finishing the crossword puzzle, students will be able to have the knowledge to protect themselves from any form of periodontal disease.

**Time:** 10 minutes

**Integration:** This lesson could also be taught as a science or biology lesson, since the main focus is on teeth and diseases.

**Materials Needed:**

- Computer
- LCD Screen
- PowerPoint Handouts
- Crossword Puzzle Handouts

**Teacher Preparation:**

- Prepare PowerPoint for lesson
- Print and copy handouts for students

**Vocabulary:**

-*Periodontal Disease:* chronic bacterial infection that affects gums and bone supporting the teeth

-*Gingivitis:* a mild form of gum disease

-*Periodontitis:* inflammation of the tooth

**Procedure:**

1. Introduce myself to the class, hand out PowerPoint and crossword puzzle to students, and set up PowerPoint on computer.
2. Present PowerPoint to the class.
3. Show video at the end of the presentation.
4. Ask students if they have any questions or comments.
5. Give students a few minutes to work on crossword puzzle and then go over the puzzle as a class.

**Assessment:** In order to know that the students learned something from my lesson, I will hand out a crossword puzzle that reviews some of the terms from the presentation.

**Home/Family Involvement:** If students do not finish the crossword puzzle they can take it home and finish it then.

**Resources:**

-American Academy of Periodontology, (2008, May 8). Types of gum disease. Retrieved February 20, 2009, Web site: <http://www.perio.org/consumer/2a.html>.

- American Dental Association, (2005, March 14). Periodontal (gum) diseases. Retrieved February 19, 2009, Web site: [http://www.ada.org/public/topics/periodontal\\_diseases.asp](http://www.ada.org/public/topics/periodontal_diseases.asp).
- American Dental Association, (2005, March 14). Video news release. Retrieved February 20, 2009, Web site: <http://www.ada.org/public/media/videos/vnr/index.asp#english>.
- National Institute of Dental and Craniofacial Research, (2009, February 11). Periodontal (gum) disease: causes, symptoms, and treatments. Retrieved February 20, 2009, Web site: <http://www.nidcr.nih.gov/OralHealth/Topics/GumDiseases/PeriodontalGumDisease.htm>.
- WebMD, (2009). Gingivitis and periodontal disease. Retrieved February 19, 2009, Web site: <http://www.webmd.com/oral-health/guide/gingivitis-periodontal-disease>.

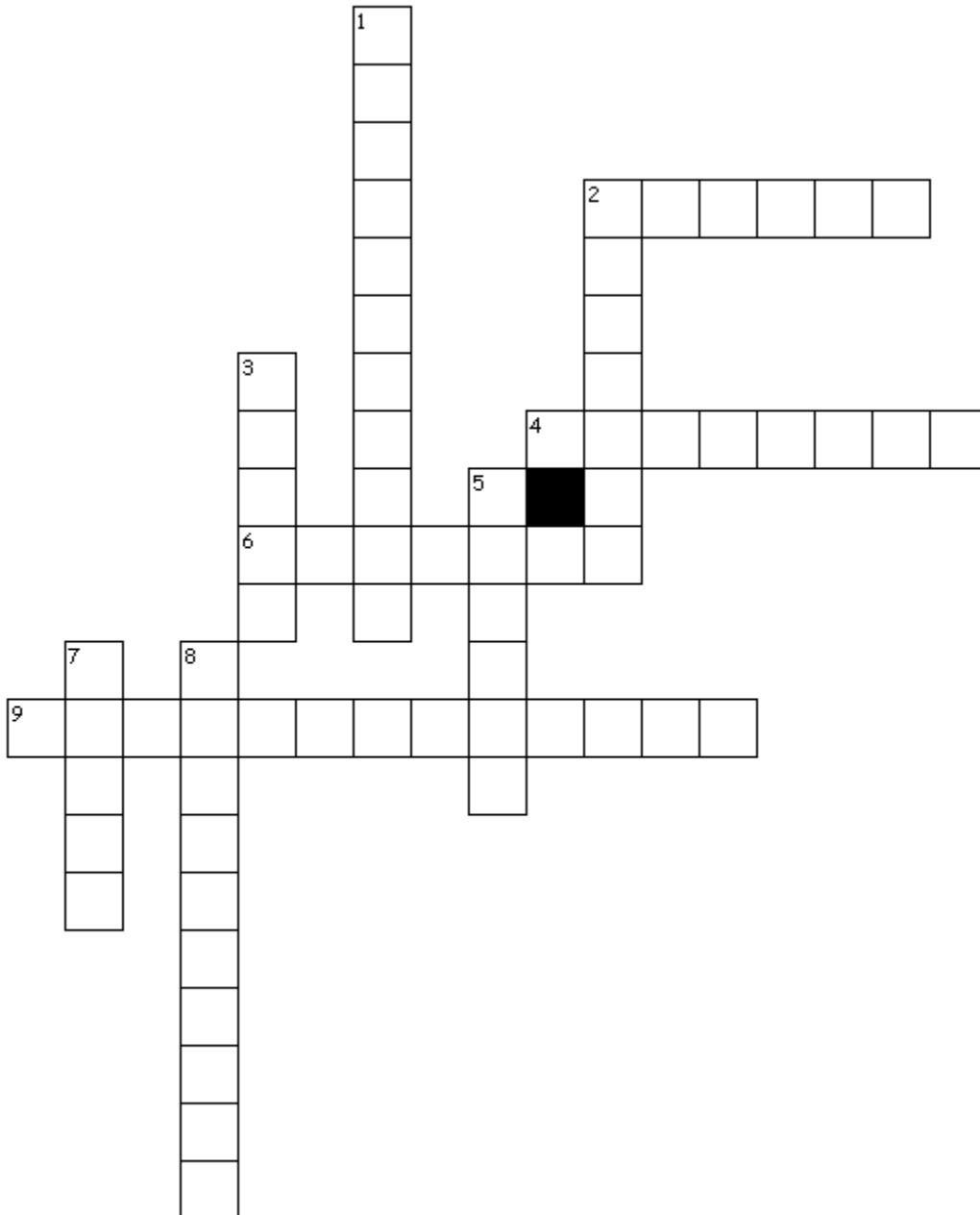
**Health Education Standards:**

- Students will comprehend concepts related to health promotion and disease prevention.
- Students will demonstrate the ability to advocate for personal, family, and community health.

**Performance Indicators:**

- Students will demonstrate knowledge of preventative methods against periodontal diseases.
- Students will finish a crossword puzzle which reviews concepts and terms about periodontal diseases.

# Periodontal Disease



Across

- 2. Health problem associated with periodontal disease
- 4. Illness that is a risk factor for periodontal disease
- 6. \_\_\_\_\_ and Root Planning
- 9. Means "inflammation of the tooth"

Down

1. Means "around the tooth"
2. A cause of periodontal disease
3. Preventative method done twice a day
5. Percent of American adults with some form of periodontal disease
7. May eventually become loose and have to be removed
8. A mild form of gum disease