



Dentistry

Merit Badge Worksheet

Rev. Jan, 1 2010
Created by Craig Long 2011

Scouts Name _____

Date _____

Counselor's Name _____

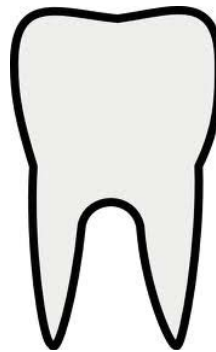
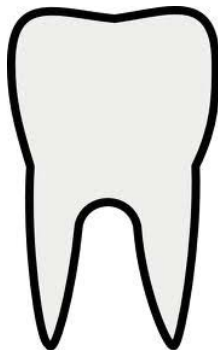
Counselor's Phone # _____

Complete

1. Using x-ray (radiographic) films and with your counselor's guidance, study the tooth structure and look for decay. Then do the following:
 - a. Using the radiographs as a guide, draw a lower molar. Label its parts and surfaces. Show surrounding structures such as bone and gum tissues. _____

- b. Show on your drawing where the nerves and blood vessels enter the tooth.

- c. Show on your drawing where bacterial plaque is most likely to be found.



Complete

2. Do the following:
 - a. Tell or write about what causes dental decay and gum disease. _____

Tell how each of the following contributes to dental decay and gum disease:
 bacterial plaque, _____
 sugars, _____
 and acid. _____

- b. Tell the possible causes for traumatic tooth loss _____

, describe the types of mouth guards used to help prevent tooth trauma, _____

and list the athletic activities during which a person should wear a mouth guard. _____

c. Explain the first-aid procedure for saving a tooth that has been knocked out. _____

d. Discuss how the use of tobacco products can negatively affect your oral health _____

Complete

3. Arrange for a visit with a dentist. Before you go, ask whether your visit can include a dental examination and a plaque-control demonstration. Afterward, ask questions about things you want to know. Then tell your counselor what the dentist does during a checkup examination.

Complete

4. Do TWO of the following:

a. Name at least five instruments and five pieces of equipment a dentist uses.

1. _____ 2. _____ 3. _____ 4. _____ 5. _____

b. With the help of a dentist, prepare a dental stone cast using a vibrator, a mixing bowl, a water measure, a plastic measure, model stone, and a spatula.

c. Keep a record of everything you eat for three days. Circle those items that may provide the sugars that bacterial plaque needs to make acid.

DAY 1		DAY 2		DAY 3	

List snacks that you should avoid to help maintain the best oral health. _____

Complete

5. Discuss with your merit badge counselor the following:

a. How fluorides help prevent tooth decay and the ways fluorides can be provided to the teeth.

b. How the mouth is related to the rest of the body. Topics might include chewing, saliva, enzymes, nutrition, and speech. _____

Complete

6. Do TWO of the following:
- a. Make a model tooth out of soap, clay, papier-mâché, or wax. Using a string and a large hand brush, show your troop or a school class proper tooth-brushing and flossing procedures.
Comments _____
 - b. Make a poster on the prevention of dental disease. Show the importance of good oral health.
Comments _____
 - c. Collect at least five advertisements for different toothpastes. List the claims that each one makes. Tell about the accuracy of the advertisements.
 - 1. _____
 - 2. _____
 - 3. _____
 - 4. _____
 - 5. _____
 - d. Write a feature story for your school newspaper on the proper care of teeth and gums.
Comments _____
 - e. Make drawings and write about the progress of dental decay. Describe the types of dental filling and treatments a dentist can use to repair dental decay problem

Complete

7. Find out about three career opportunities in dentistry.
- 1. _____
 - 2. _____
 - 3. _____
- Pick one and find out the:
education, _____
training, _____
and experience required for this profession. _____

- Discuss this with your counselor, and explain why this profession might interest you. _____

