



2024 Edition

SCOUTMASTER BUCKY

Dentistry Merit Badge

SCOUTS PARTICIPATING IN A SCOUTMASTER BUCKY MERIT BADGE OPPORTUNITY (ONLINE OR IN PERSON), PLEASE CONSIDER ALSO USING THE DENTISTRY MERIT BADGE CLASS PREPARATION PAGE FOR CLARIFICATIONS, INSIGHTS, AND EXPECTATIONS.

<https://scoutmasterbucky.com/merit-badges/dentistry/class-prep/>

DENTISTRY MERIT BADGE WORKBOOK

REQUIREMENT 1: Using X-ray (radiographic) films and with your counselor’s guidance, study the tooth structure and look for decay.

This requirement must be reviewed with your merit badge counselor.

REQUIREMENT 1a: Using the radiographs as a guide, draw a lower molar. Label its parts and surfaces. Show surrounding structures such as bone and gum tissues.

REQUIREMENT 1b: Show on your drawing where the nerves and blood vessels enter and leave the tooth.

REQUIREMENT 1c: Show on your drawing where bacterial plaque is most likely to be found.



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REQUIREMENT 2a: Tell or write about what causes dental decay and gum disease.

Notes:

REQUIREMENT 2a: Tell how bacterial plaque contributes to dental decay and gum disease:

Notes:

REQUIREMENT 2a: Tell how sugars contributes to dental decay and gum disease:

Notes:

REQUIREMENT 2a: Tell how acid contributes to dental decay and gum disease:

Notes:



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REQUIREMENT 2b: Tell the possible causes for traumatic tooth loss.

Notes:

REQUIREMENT 2b: Describe the types of mouth guards used to help prevent tooth trauma.

Notes:

REQUIREMENT 2b: List the athletic activities during which a person should wear a mouth guard.

Notes:

REQUIREMENT 2c: Explain the first-aid procedure for saving a tooth that has been knocked out.

Notes:



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REQUIREMENT 2d: Discuss how the use of tobacco products can negatively affect your oral health.

Notes:

REQUIREMENT 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.

Notes:



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DO TWO OF THE FOLLOWING (4A, 4B, or 4C) FOR REQUIREMENT 4

REQUIREMENT 4a: Name at least five instruments and five pieces of equipment a dentist uses.

Instrument #1:

Instrument #2:

Instrument #3:

Instrument #4:

Instrument #5:

Equipment Piece #1:

Equipment Piece #2:

Equipment Piece #3:

Equipment Piece #4:

Equipment Piece #5:

REQUIREMENT 4b: 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.

This requirement component must be reviewed with your merit badge counselor.



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REQUIREMENT 4c: 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. List snacks that you should avoid to help maintain the best oral health.

DAY 1 - BREAKFAST

Notes:

DAY 1 - LUNCH

Notes:

DAY 1 - DINNER / SUPPER

Notes:

DAY 1 - OTHER

Notes:



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DAY 2 - BREAKFAST

Notes:

DAY 2 - LUNCH

Notes:

DAY 2 - DINNER / SUPPER

Notes:

DAY 2 - OTHER

Notes:



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DAY 3 - BREAKFAST

Notes:

DAY 3 - LUNCH

Notes:

DAY 3 - DINNER / SUPPER

Notes:

DAY 3 - OTHER

Notes:



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REQUIREMENT 5a: Discuss with your merit badge counselor how fluorides help prevent tooth decay.

Notes:

REQUIREMENT 5a: Discuss with your merit badge counselor the ways fluorides can be provided to the teeth.

Notes:

REQUIREMENT 5b: Discuss with your merit badge counselor how the mouth is related to the rest of the body. Topics might include chewing, saliva, enzymes, nutrition, and speech.

Notes:



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DO TWO OF THE FOLLOWING (6A, 6B, 6C, 6D, or 6E) FOR REQUIREMENT 6

REQUIREMENT 6a: 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 toothbrushing and flossing procedures.

Presentation Time and Place:

REQUIREMENT 6b: Make a poster on the prevention of dental disease. Show the importance of good oral health.

Don't forget to bring your poster to share with the merit badge counselor.

This requirement must be reviewed with your merit badge counselor.

REQUIREMENT 6c: Collect at least five advertisements for different toothpastes. List the claims that each one makes. Tell about the accuracy of the advertisements.

Don't forget to bring your collected items to share with the merit badge counselor.

This requirement must be reviewed with your merit badge counselor.

TOOTHPASTE #1

Brand / Type:

Claims:

TOOTHPASTE #2

Brand / Type:

Claims:



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TOOTHPASTE #3

Brand / Type:

Claims:

TOOTHPASTE #4

Brand / Type:

Claims:

TOOTHPASTE #5

Brand / Type:

Claims:

REQUIREMENT 6d: Write a feature story for your school newspaper on the proper care of teeth and gums. Include in your story how the use of tobacco products can negatively affect a person's oral health.

Don't forget to bring your story in writing to share with the merit badge counselor.

This requirement must be reviewed with your merit badge counselor.

BE PREPARED!

REQUIREMENT 6e: 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 problems.

Don't forget to bring your work to share with the merit badge counselor.

This requirement must be reviewed with your merit badge counselor.

BE PREPARED!



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REQUIREMENT 7: Learn about career opportunities for both Doctor of Dental Surgery (D.D.S.) and auxiliary dental professions. Pick either general dentistry OR a dental specialty, plus one auxiliary dental profession. Find out about the education, training, and experience required for these two professions. Discuss these with your counselor, and explain why these professions interest you.

DOCTOR OF DENTAL SURGERY (D.D.S.)

Educational Requirements:

Training Requirements:

Experience Requirements:

Why this career might interest you:

AUXILLARY DENTAL PROFESSION

What specific career:

Educational Requirements:

Training Requirements:

Experience Requirements:

Why this career might interest you: