

Student Learning Plan

Unit 4: Wellness, Fitness, and First Aid

Bites, Stings and Poisonous Hazards [U4C2L9]



Why this is important:

With so many outdoor activities to participate in, such as hiking, camping, bicycle riding, skate boarding, and skiing, it is common to come across emergencies involving bites, stings, and poisonous hazards. It is estimated that one of every two Americans will be bitten at some time by an animal. Dogs are responsible for about 80 percent of all animal-bite injuries. Depending upon where you live, the type of first aid you need to know for snakebites and plants will vary. Knowing what to do when in the outdoors can mean the difference between life and death. In this learning plan you will learn first aid procedures for treating bites, stings, and poisonous hazards such as poison ivy, poison oak, and poison sumac.



What you will learn to do:

(Competency)

Determine first aid treatment for bites, stings and poisonous hazards

Linked Core Ability

D. Do your share as a good citizen in your school, community, country, and the world



How you will know when you are succeeding:

You will show that you have learned the target knowledge and skills:

- by creating “How To” Cards for a First Aid Resource File

Your performance will be successful when:

- “How To” cards are neat and easy to read
- “How To” cards include short phrases or sentences describing the steps in the procedure
- “How To” cards are complete and accurate
- Snakebite card includes the steps to perform the procedure as described in the student text or other reference material
- Human and Animal Bite card includes the steps to perform the procedure as described in the student text or other reference material
- Insect Bite and Sting card includes the steps to perform the procedure as described in the student text or other reference material
- Poisonous Plants card includes the steps to perform the procedure as described in the student text or other reference material



Knowledge and skills you will learn along the way:

(Learning Objectives)

- a. Identify types of venoms
- b. Relate snakes to their bites

2 Bites, Stings and Poisonous Hazards [U4C2L9]

- c. Explain the effects of animal and human bites
- d. Identify the symptoms of insect bites and stings
- e. Associate the types of poisonous plants to the reactions they cause
- f. Determine how to treat for contact with poisonous plants
- g. Define key words: allergic reaction, antivenin, calamine, discoloration, rabies, tetanus, venom



Learning Activities:

These learning activities are designed to help you learn the target skills and knowledge for this lesson. Your instructor may assign additional or alternative learning activities.

- ____ 1. CREATE a KWL chart or Tree Map for one of the following topics: Snakebites, Human/Animal Bites, Insect Bites/Stings, or Poisonous Plants. PRESENT your team's chart to the class. [Work in teams of 3-6 cadets] RECORD your list and your responses to reflection questions in your Cadet Notebook.
- ____ 2. [SELF-PACED OPTION] CREATE a KWL chart or Tree Map for each of the following topics: Snakebites, Human/Animal Bites, Insect Bites/Stings, or Poisonous Plants. RECORD your chart and your responses to reflection questions in your Cadet Notebook.
- ____ 3. LISTEN TO and OBSERVE a briefing about bites, stings and poisonous plants. LEARN MORE OR REVIEW by reading Section 9: Bites, Stings and Poisonous Plants in Chapter 2 of your text. ANSWER the review questions at the end of the section. [Work with a partner] CREATE a Flow Map of the first aid steps to follow for your assigned procedure. [Work in teams of 3-6 cadets] ENTER your answers to the review questions and your Flow Map to your Cadet Notebook.
- ____ 4. [SELF-PACED OPTION] CARRY OUT Learning Activity 3 independently. CREATE a Flow Map of the first aid steps to follow for each procedure. ENTER your answers to the review questions and your Flow Map to your Cadet Notebook.
- ____ 5. CREATE a poster warning about the dangers and prevention of bites, stings and poisonous plants. [Work in teams of 3-6 cadets] SHARE your poster with the rest of the class. RECORD your responses to reflection questions in your Cadet Notebook.
- ____ 6. [SELF-PACED OPTION] CARRY OUT Learning Activity 5 independently. RECORD your responses to reflection questions in your Cadet Notebook.
- ____ 7. CREATE "How To" cards for treating bites, stings, and poisonous plant injuries. [Work with a partner] RECORD your responses to reflection questions in your Cadet Notebook.
- ____ 8. [SELF-PACED OPTION] CARRY OUT Learning Activity 7 independently. RECORD your responses to reflection questions in your Cadet Notebook.



Assessment Activities:

These assessment activities will enable you to show that you have learned the target skills and knowledge for this lesson. Your instructor may assign additional or alternative assessment activities.

- ____ 1. COMPLETE the Bites, Stings, and Poisonous Hazards Assessment Task. SELF-ASSESS your work using the scoring guide. SUBMIT your work to your instructor for feedback and a grade. PLACE your completed "How To" cards in your First Aid Resource File.
- ____ 2. SELF-PACED OPTION: Same as above.