

## MEDICINE MERIT BADGE WORKBOOK

This Scoutmaster Bucky Merit Badge Workbook is based off the current *Scouts BSA Requirements*.

Consider also using the Medicine merit badge class preparation page for clarification and expectations when participating in a Scoutmaster Bucky merit badge opportunity ([online](#) or [in-person](#)).

<https://scoutmasterbucky.com/merit-badges/medicine/>

Scout's  
Name:

**REQUIREMENT 1:** Discuss with your counselor the influence that EIGHT of the following people had on the history of health care:

- a. Hippocrates
- b. William Harvey
- c. Antonie van Leewenhoek
- d. Edward Jenner
- e. Florence Nightingale
- f. Louis Pasteur
- g. Gregor Mendel
- h. Joseph Lister
- i. Robert Koch
- j. Daniel Hale Williams

- k. Wilhelm Conrad Roentgen
- l. Marie and Pierre Curie
- m. Walter Reed
- n. Karl Landsteiner
- o. Alexander Fleming
- p. Charles Richard Drew
- q. Helen Taussig
- r. James Watson and Francis Crick
- s. Jonas Salk

**REQUIREMENT 2:** Explain the Hippocratic Oath to your counselor, and compare the original version to a more modern one. Discuss to whom those subscribing to the original version of the oath owe the greatest allegiance.

**REQUIREMENT 3:** Discuss the health-care provider-patient relationship with your counselor, and the importance of such a relationship in the delivery of quality care to the patient. Describe the role of confidentiality in this relationship.

**REQUIREMENT 4:** Do the following:

**REQUIREMENT 4 A:** Describe the roles the following people play in the delivery of health care:

1. Allopathic physician (M.D.) and osteopathic physician (D.O.)

2. Chiropractor (D.C.)

3. Emergency medical technician

4. Licensed practical/vocational nurse

5. Medical assistant

6. Medical laboratory technologist

7. Nurse-midwife

8. Nurse practitioner

9. Occupational therapist

10. Optometrist

11. Pharmacist

12. Physical therapist

13. Physician's assistant

14. Podiatrist

15. Psychologist

16. Radiologic technologist

17. Registered nurse

18. Respiratory therapist

**REQUIREMENT 4 B:** Describe the educational and licensing requirements to practice health care in your state for FIVE of the professions in requirement 4a. (Not all professions may exist in your state.)

First profession

Second profession

Third profession

Fourth profession

Fifth profession

**REQUIREMENT 5:** Do the following:

**REQUIREMENT 5 A:** Tell what is meant by the term “primary care” with regard to a medical specialty.

**REQUIREMENT 5 B:** Briefly describe the types of work done by physicians in the following specialties:

1. Internal medicine`\*`

2. Family practice`\*`

3. Obstetrics/gynecology`\*`

4. Pediatrics`\*`



5. Psychiatry

6. Surgery

7. \* "Primary care" specialties

\* "Primary care" specialties

**REQUIREMENT 5 C:** Describe the additional educational requirements for these specialties.

**REQUIREMENT 6:** Do the following:

**REQUIREMENT 6 A:** Briefly describe the types of work performed by physicians in FIVE of the following specialties or subspecialties:

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|---|--|
| 1. Allergy/immunology                               | 16. Neurology  |
| 2. Anesthesiology                                   | 17. Nuclear medicine                                   |
| 3. Cardiology                                       | 18. Ophthalmology                                      |
| 4. Colorectal surgery                               | 19. Orthopedic surgery                                 |
| 5. Critical care medicine (intensive care medicine) | 20. Otolaryngology/head and neck surgery               |
| 6. Dermatology                                      | 21. Pathology  |
| 7. Emergency medicine                               | 22. Physical medicine and rehabilitation               |
| 8. Endocrinology                                    | 23. Plastic, reconstructive, and maxillofacial surgery |
| 9. Gastroenterology                                 | 24. Preventive medicine                                |
| 10. Geriatric medicine                              | 25. Pulmonology  |
| 11. Hematology/oncology                             | 26. Radiology  |
| 12. Hospitalist                                     | 27. Rheumatology                                       |
| 13. Infectious disease                              | 28. Thoracic/cardiothoracic surgery                    |
| 14. Nephrology                                      | 29. Urology  |
| 15. Neurosurgery                                    | 30. Vascular surgery                                   |

**REQUIREMENT 6 B:** Describe the additional educational requirements for the FIVE specialties or subspecialties you chose in 6a.

**REQUIREMENT 7:** Do the following:

**REQUIREMENT 7 A:** Visit a physician's office\*, preferably one who delivers "primary care." (This may be that of your counselor.) Discuss the components of a medical history and physical examination (an official BSA health form may be used to guide this discussion), and become familiar with the instruments used.

\* If this cannot be arranged, demonstrate to your counselor that you understand the components of a medical history and physical, and discuss the instruments involved.

**REQUIREMENT 7 B:** Describe the characteristics of a good diagnostic test to screen for disease (e.g., routine blood pressure measurement). Explain briefly why diagnostic tests are not “perfect.”

**REQUIREMENT 7 C:** Show how to take a blood pressure and a pulse reading.

Completed

**REQUIREMENT 8:** Do the following:

**REQUIREMENT 8 A:** Discuss the roles medical societies, employers, the insurance industry, and the government play in influencing the practice of medicine in the United States.

**REQUIREMENT 8 B:** Briefly tell how your state monitors the quality of health care within its borders, and how it provides care to those who do not have health insurance.

**REQUIREMENT 9:** Compare and discuss with your counselor at least two types of health care delivery systems used throughout the world.

**REQUIREMENT 10:** Serve as a volunteer at a health-related event or facility in your community (e.g., blood drive, “health fair,” blood pressure screening, etc.) approved by your counselor.

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