



Medicine

Merit Badge Workbook



This workbook can help you but you still need to read the merit badge pamphlet.

This Workbook can help you organize your thoughts as you prepare to meet with your merit badge counselor.

You still must satisfy your counselor that you can demonstrate each skill and have learned the information. You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers.

If a requirement says that you must take an action using words such as "discuss", "show", "tell", "explain", "demonstrate", "identify", etc, that is what you must do.

Merit Badge Counselors may not require the use of this or any similar workbooks.

No one may add or subtract from the official requirements found in Boy Scout Requirements (Pub. 33216 – SKU 637685).

The requirements were last issued or revised in 2010 • This workbook was updated in June 2017.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Phone No.: _____

<http://www.USScouts.Org> • <http://www.MeritBadge.Org>

Please submit errors, omissions, comments or suggestions about this **workbook** to: Workbooks@USScouts.Org
Comments or suggestions for changes to the **requirements** for the **merit badge** should be sent to: Merit.Badge@Scouting.Org

1. Discuss with your counselor the influence that EIGHT of the following people had on the history of medicine:

<input type="checkbox"/> Hippocrates	
<input type="checkbox"/> William Harvey	
<input type="checkbox"/> Antoine van Leeuwenhoek	
<input type="checkbox"/> Edward Jenner	

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Florence Nightingale

Louis Pasteur

Gregor Mendel

Joseph Lister

Robert Koch

Daniel Hale Williams

Wilhelm Conrad Roentgen

Marie and Pierre Curie

Walter Reed

Karl Landsteiner

Alexander Fleming

Charles Richard Drew

Helen Taussig

James Watson and Francis Crick

Jonas Salk

2. Explain the Hippocratic Oath to your counselor, and compare the original version to a more modern one.

Explain the Hippocratic Oath:

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:

- 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.

4. Do the following:

a. Describe the roles the following people play in the delivery of health care in your state. (Note: Not all may exist in your state.)

1. Allopathic physician

2. Chiropractor

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. Osteopathic physician

12. Pharmacist

13. Physical therapist

14. Physician's assistant

15. Podiatrist

16. Psychologist

5. a. Tell what is meant by the term "primary care" with regard to a medical specialty.

Briefly describe the types of work done by physicians in the following "core" specialties:

1. Internal medicine*

2. Family practice*

3. Obstetrics/gynecology*

4. Pediatrics*

5. Psychiatry

6. Surgery

b. Describe the additional educational requirements for these specialties.

1. Internal medicine*

2. Family practice*

3. Obstetrics/gynecology*

4. Pediatrics*

5. Psychiatry

6. Surgery

6. a. Briefly describe the types of work performed by physicians in FIVE of the following specialties or subspecialties:

1. Allergy/immunology

10. Hematology/oncology

11. Infectious disease

12. Nephrology

13. Neuro surgery

14. Neurology

15. Nuclear medicine

16. Ophthalmology

17. Orthopedic surgery

18. Otolaryngology/head and neck surgery

19. Pathology

20. Physical medicine and rehabilitation

21. Plastic, reconstructive, and maxillofacial surgery.

22. Preventive medicine

23. Radiology

24. Rheumatology

25. Thoracic/cardiothoracic surgery

26. Urology

27. Vascular surgery

b. Describe the additional educational requirements for the five specialties or subspecialties you chose in 6a.

1.	
2.	
3.	
4.	
5.	

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.

Medical history:

Physical examination:

Instruments used:

- 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.

- c. Show how to take a blood pressure reading and a pulse reading.

8. Do the following:

- a. Discuss the roles medical societies, employers, the insurance industry, and the government play in influencing the practice of medicine in the United States.

Medical societies:

Employers

Insurance industry:

Government

- 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.

How your state monitors the quality of health care:

How it provides care to those who do not have health insurance:

9. Compare and discuss with your counselor the health care delivery systems in the United States, Sweden, and China.

United States:

Sweden:

China:

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.

* "Primary care" specialties

** 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.

**When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from <http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf>.
 You can download a complete copy of the *Guide to Advancement* from <http://www.scouting.org/filestore/pdf/33088.pdf>.**