

## 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 2018 •	This workbook was updated in January 2018.
--	--

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 <u>workbook</u> to: <u>Workbooks@USScouts.Org</u> Comments or suggestions for changes to the <u>requirements</u> for the <u>merit badge</u> should be sent to: <u>Merit.Badge@Scouting.Org</u>

1.	Dis	cuss with your counselor the ir	nfluence that EIGHT of the following people had on the history of medicine:
	a.	Hippocrates	
	b.	William Harvey	
_			
	C.	Antoine van Leeuwenhoek	
_			
	d.	Edward Jenner	

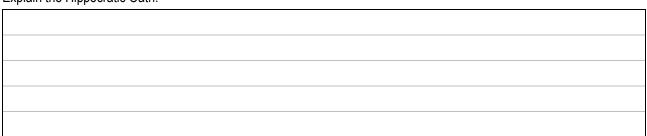
Workbook © Copyright 2018 - U.S. Scouting Service Project, Inc. - All Rights Reserved Requirements © Copyright, Boy Scouts of America (Used with permission.)

This workbook may be reproduced and used locally by Scouts and Scouters for purposes consistent with the programs of the Boy Scouts of America (BSA), the World Organization of the Scout Movement (WOSM) or other Scouting and Guiding Organizations. However it may NOT be used or reproduced for electronic redistribution or for commercial or other non-Scouting purposes without the express permission of the U. S. Scouting Service Project, Inc. (USSSP).

	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	
	Francis Crick	
_		
	Jonas Salk	
2.	Explain the Hippocratic Oath to v	our counselor, and compare the original version to a more modern one.
۷.	Explain the improvatio Oath to y	

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.

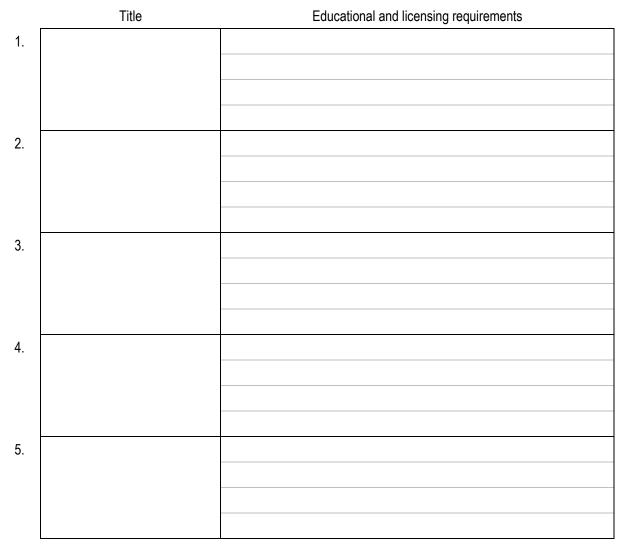
- 4. Do the following:
  - a. Describe the roles the following people play in the delivery of health care

	• • •	
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	Developeriet	
15.	Psychologist	

16.	Radiologic technologist	
17.	Registered nurse	
18.	Respiratory therapist	

b. Describe the educational and licensing requirements for FIVE of the professions in requirement 4a. (Not all professions may exist in your state.)



## 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 specialties:

	• • • •	
1.	Internal medicine*	
2.	Family practice*	
3.	Obstetrics/gynecology*	
4.	Pediatrics*	
-		
5.	Psychiatry	
6.	Surgery	

b.	Des	cribe the additional education	onal requirements for these specialties.
	1.	Internal medicine*	
	2.	Family practice*	
	3.	Obstetrics/gynecology*	
	4.	Pediatrics*	
	5.	Psychiatry	
	6.	Surgery	
2	Brio	fly describe the types of wo	rk performed by physicians in FIVE of the following specialties or subspecialties:
a.	1.	Allergy/immunology	
	2.	Anesthesiology	

6.

3.	Cardiology	
4.	Colorectal surgery	
т.	Obloredial surgery	
5.	Critical care medicine	
	(intensive care medicine)	
6.	Dermatology	
7.	Emergency Medicine	
8.	Endocrinology	
9.	Castrooptorology	
9.	Gastroenterology	
10.	Geriatric medicine	

11.	Hematology/oncology	
12.	Hospitalist	
13.	Infectious disease	
14.	Nephrology	
	1 07	
15.	Neuro surgery	
16.	Neurology	
17.	Nuclear medicine	
18.	Ophthalmology	
19.	Orthopedic surgery	

	Otolaryngology/head and neck surgery	
21.	Pathology	
22.	Physical medicine and rehabilitation	
21 3	Plastic, reconstructive, and maxillofacial surgery.	
24.	Preventive medicine	
25.	Pulmonology	
26.	Radiology	
27.	Rheumatology	
28.	Thoracic/cardiothoracic surgery	
	22. 21 3 24. 25. 26. 27.	<ol> <li>Pathology</li> <li>Physical medicine and rehabilitation</li> <li>Plastic, reconstructive, and maxillofacial surgery.</li> <li>Preventive medicine</li> <li>Preventive medicine</li> <li>Pulmonology</li> <li>Radiology</li> <li>Radiology</li> <li>Rheumatology</li> <li>Thoracic/cardiothoracic</li> </ol>

	29.	Urology	
	20		
	30.	Vascular surgery	
b.	Des	cribe the additional educatio	nal requirements for the five specialties or subspecialties you chose in 6a.
	1.		
	2.		
	<u>_</u>		
	3.		
	4		
	4.		
	5		
	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.

Madical application	
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:

 cuss with your counselo	 	, ,	

- 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 <a href="http://www.http://wwwwwwwwwww.http://www.http://wwwwwwwwww.http://wwwwwwwwwwww.http://wwww.http://wwwwwwwwwwwwwwwwwwwwww

You can download a complete copy of the Guide to Advancement from <a href="http://www.scouting.org/filestore/pdf/33088.pdf">http://www.scouting.org/filestore/pdf/33088.pdf</a>.