



Personal Fitness

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

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

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No one may add or subtract from the official requirements found in Scouts BSA Requirements (Pub.# 33216) and/or on Scouting.org.
The requirements were last issued or revised in 2023 • This workbook was updated in August 2023.

Scout's Name: _____ Unit: _____

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

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

Note: *If meeting any of the requirements for this merit badge is against the Scout's religious convictions, the requirement does not have to be done if the Scout's parents and the proper religious advisors state in writing that to do so would be against religious convictions. The Scout's parents must also accept full responsibility for anything that might happen because of this exemption.*

- Do the following.
 - Before completing requirements 2 through 9, have your health-care practitioner give you a physical examination using the Scout medical examination form

Explain the following:

- Why physical exams are important

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2. Why preventive habits (such as exercising regularly) are important in maintaining good health, and how the use of tobacco products, alcohol, and other harmful substances can negatively affect our personal fitness.

Why preventive habits are important:

Effect of tobacco products, alcohol, and other harmful substances:

3. Diseases that can be prevented and how

4. The 7 warning signs of cancer:

1.	
2.	
3.	
4.	
5.	
6.	
7.	

5. The youth risk factors that affect cardiovascular fitness in adulthood

- b. Have a dental examination. Get a statement saying that your teeth have been checked and cared for.

Tell how to care for your teeth.

- 2. Explain to your merit badge counselor verbally or in writing what personal fitness means to you, including:

- a. Reasons for being mentally, physically, socially, and spiritually fit

- b. What it means to be mentally healthy

- c. What it means to be physically healthy

- d. What it means to be socially healthy.

3. With your counselor, answer and discuss the following questions:

a. Are you living in such a way that your risk of preventable diseases is minimized?

b. Are you immunized and vaccinated according to the advice of your health-care provider and the direction of your parent(s)/guardian(s)?

c. Are you free from habits relating to poor nutrition and the use of alcohol, tobacco, drugs, and other practices that could be harmful to your health?

Nutrition:

Alcohol:

Tobacco:

Drugs:

Other practices:

d. What are the advantages to getting a full night's sleep?

e. Define a nutritious, balanced diet and why it is important.

f. Do you participate in a regular exercise program or recreational activities?

g. What are you doing to demonstrate your duty to God?

h. Do you spend quality time with your family and friends in social and recreational activities?

i. Do you support family activities and efforts to maintain a good home life?

The following 5 discussion points (3j – 3n) are included in the current *Personal Fitness* merit badge pamphlet but were not included in the list of changes to the requirements which took effect in January 2023. As a result, Scouts may include them while working on the merit badge, but they are not required to do so until the requirements are added to the requirements on Scouting.org, *Scoutbook*, and *the Scouts-BSA Requirements* book.

j. Do you carry out daily activities without noticeable effort?

Do you have extra energy for other activities?

k. Are you free from habits relating to poor nutrition and the use of alcohol, tobacco, drugs, and other practices that could be harmful to your health?

l. Do you participate in a regular exercise program or recreational activities?

m. Do you sleep well at night and wake up feeling ready to start the new day?

n. Are you actively involved in the religious organization of your choice, and do you participate in its youth activities?

4. Explain the following about physical fitness:

a. The areas of physical fitness

b. Your weakest and strongest area of physical fitness

c. The need to have a balance in the four areas of physical fitness

d. How a program like the President's Council on Sports, Fitness & Nutrition can lead to lifelong healthful habits

e. How the areas of personal fitness relate to the Scout Laws and Scout Oath

5. Explain the following about nutrition:

a. The importance of good nutrition

b. What good nutrition means to you

c. How good nutrition is related to the other components of personal fitness

d. How to maintain a healthy weight

6. Before doing requirements 7 and 8, Do the following:

a. Complete the aerobic fitness, flexibility, and muscular strength tests, as described in the *Personal Fitness* merit badge pamphlet. Record your results and identify those areas where you feel you need to improve.

Aerobic Fitness Test Record your performance on ONE of the following tests: Result Need to improve?

a. Run/walk as far as you can as fast as you can in nine minutes		
b. Run/walk 1 mile as fast as you can		

Flexibility Test

Sit and Reach - Using a sit-and-reach box constructed according to specifications in the <i>Personal Fitness</i> merit badge pamphlet, make four repetitions and record the fourth reach. This last reach must be held steady for 15 seconds to qualify. (Remember to keep your knees down.)		
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Strength Tests You must do the sit-ups exercise and one other (either push-ups or pull-ups). You may also do all three for extra experience and benefit.

a. Sit-Ups	Record the number of sit-ups done correctly in 60 seconds. The sit-ups must be done in the form explained and illustrated in the <i>Personal Fitness</i> merit badge pamphlet.		
b. Pull-Ups	Record the total number of pull-ups completed correctly in 60 seconds. Be consistent with the procedures presented in the <i>Personal Fitness</i> merit badge pamphlet.		
c. Push-Ups	Record the total number of push-ups completed correctly in 60 seconds. Be consistent with the procedures presented in the <i>Personal Fitness</i> merit badge pamphlet.		

b. Keep track of what you eat and drink for three days.

Day 1	Day 2	Day 3

Identify three healthy eating goals you want to work on.

1.	
2.	
3.	

7. Outline a comprehensive 12-week physical fitness program using the results of your physical fitness tests. Be sure your program incorporates the endurance, intensity, and warm-up guidelines discussed in the *Personal Fitness* merit badge pamphlet. Before beginning your exercises, have the program approved by your counselor and parents.

Warm-up:

Aerobic Exercises:

Strength Exercises:

Flexibility Exercises:

Cool-Down:

- 8. Complete the physical fitness program you outlined in requirement 7. Keep a log of your fitness program activity (how long you exercised; how far you ran, swam, or biked; how many exercise repetitions you completed; your exercise heart rate; etc.). Keep a log of your weekly healthy eating goals. Repeat the aerobic fitness, muscular strength, and flexibility tests every four weeks and record your results. After the 12th week, repeat all of the required activities in each of the three test categories, record your results, and show improvement in each one.

FITNESS MEASUREMENTS

Test Results	Initial Results	12 Week Goals	Week 4	Week 8	Week 12	Change
Date						
9 Min. Run/walk -or-						
1 mi. Run/walk (time)						
Flexibility Reach (cm)						
Sit-ups in 60 sec						
Pull-ups in 60 sec -or-						
Push-ups in 60 sec						

Discuss how well you met your healthy eating goals over these 12 weeks.

Discuss the meaning and benefit of your experience, and describe your long-term plans regarding your personal fitness.

9. Find out about three career opportunities in personal fitness.

1.	
2.	
3.	

Pick one and find out the education, training, and experience required for this profession.

Profession picked:

Education

Training

Experience

Discuss what you learned with your counselor, and explain why this profession might interest you.

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>.

SAMPLE FITNESS PROGRAM ACTIVITY LOG (Page 1)

Day Fitness Program Activity & Notes Distance Duration Repetitions Heart Rate

Week 1

Week 2

Week 3

Week 4

SAMPLE FITNESS PROGRAM ACTIVITY LOG (Page 2)

Day Fitness Program Activity & Notes Distance Duration Repetitions Heart Rate

Week 5

Week 6

Week 7

Week 8

SAMPLE FITNESS PROGRAM ACTIVITY LOG (Page 3)

Day Fitness Program Activity & Notes Distance Duration Repetitions Heart Rate

Week 9

Week 10

Week 11

Week 12



Orienteering

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

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1. Show that you know first aid for the types of injuries that could occur while orienteering, including cuts, scratches, blisters, snakebite, insect stings, tick bites, heat and cold reactions (sunburn, heatstroke, heat exhaustion, hypothermia), and dehydration

Cuts and scratches:

Blisters:

Snakebite:

Insect stings:

Tick bites:

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Sunburn:

Heatstroke:

Heat exhaustion:

Hypothermia:

Dehydration:

Explain to your counselor why you should be able to identify poisonous plants and poisonous animals that are found in your area.

2. Explain what orienteering is.

3. Do the following:

a. Explain how a compass works.

Describe the features of an orienteering compass.

c. b. In the field, show how to take a compass bearing and follow it.

4. Do the following:

a. Explain how a topographic map shows terrain features.

Point out and name five terrain features on a map and in the field.

c 1.	
c 2.	
c 3.	
c 4.	
c 5.	

b. Point out and name 10 symbols on a topographic map.

c 1.	
c 2.	
c 3.	
c 4.	
c 5.	
c 6.	
c 7.	
c 8.	
c 9.	
c 10.	

c. Explain the meaning of declination.

Tell why you must consider declination when using map and compass together.

- c d. Show a topographic map with magnetic north-south lines.
- c e. Show how to measure distances on a map using an orienteering compass.
- c f. Show how to orient a map using a compass.

c 5. Set up a 100-meter pace course.

Determine your walking and running pace for 100 meters.

Walking pace: _____ Running pace: _____

Tell why it is important to pace-count.

- c. Explain the following terms and tell when you would use them: attack point, collecting feature, catching feature, aiming off, contouring, reading ahead, handrail, relocation, rough versus fine orienteering.

Attack point:

Collecting feature:

Catching feature:

Aiming off:

Contouring:

Reading ahead:

Handrail:

Relocation:

Rough orienteering:

Fine orienteering:

7. Do the following:

- c a. Take part in three orienteering events. One of these must be a cross-country course.*
- b. After each event, write a report with (1) a copy of the master map and control description sheet, (2) a copy of the route you took on the course, (3) a discussion of how you could improve your time between control points, and (4) a list of your major weaknesses on this course. Describe what you could do to improve.

Event 1: _____

- c 1. Copy of the master map and control description sheet.
- c 2. Copy of the route you took on the course.
- 3. How you could improve your time:

4. Your major weaknesses:

Event 2: _____

- c 1. Copy of the master map and control description sheet.
- c 2. Copy of the route you took on the course.
- 3. How you could improve your time:

- 4. Your major weaknesses:

Event 3: _____

- c 1. Copy of the master map and control description sheet.
- c 2. Copy of the route you took on the course.
- 3. How you could improve your time:

4. Your major weaknesses:

8. Do ONE of the following:

- c a. Set up a cross-country course that is at least 2,000 meters long with at least five control markers.
 - c Prepare the master map and control description sheet.
- c b. Set up a score orienteering course with at least 12 control points and a time limit of at least 60 minutes.
 - c Set point values for each control.
 - c Prepare the master map and control description sheet.

- c 9. Act as an official during an orienteering event.
This may be during the running of the course you set up for requirement 8.

- c 10. Teach orienteering techniques to your patrol, troop, or crew.

* *Note to the Counselor: While orienteering is primarily an individual sport, BSA Youth Protection procedures call for using the buddy system. Requirement 7a can be completed by pairs or groups of Scouts.*

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