



RIFLE SHOOTING

Merit Badge Requirements

1) Do the following:

- A) Explain why BB and pellet air guns must always be treated with the same respect as firearms.
- B) Describe how you would react if a friend visiting your home asked to see your or your family's firearm(s).
- C) Explain the need for, and use and types of, eye and hearing protection.
- D) Give the main points of the laws for owning and using guns in your community and state.
- E) Explain how hunting is related to the wise use of renewable wildlife resources.
- F) Obtain a copy of the hunting laws for your state. Explain the main points of hunting laws in your state and give any special laws on the use of guns or ammunition.
- G) Identify and explain how you can join or be a part of shooting sports activities.
- H) Explain to your counselor the proper hygienic guidelines used in shooting.
- I) Give to your counselor a list of sources that you could contact for information on firearms and their uses.

2) Do ONE of the following options:

OPTION A - Rifle Shooting (Modern Cartridge Type)

- A) Identify the three main parts of a rifle and tell how they function.
- B) Identify and demonstrate the three fundamental rules for safe gun handling.
- C) Identify two types of cartridges, their parts, and how they function.
- D) Explain to your counselor what a misfire, hangfire, and squib fire are, and explain the procedures to follow in response to each.
- E) Identify and demonstrate the five fundamentals of shooting a rifle safely.
- F) Identify and explain each rule for safe shooting.
- G) Demonstrate the knowledge, skills, and attitude necessary to safely shoot a rifle from the bench rest position or supported prone position while using the five fundamentals of rifle shooting.
- H) Identify the basic safety rules for cleaning a rifle, and identify the materials needed.
- I) Demonstrate how to clean a rifle properly and safely.
- J) Discuss what points you would consider in selecting a rifle.
- K) Using a .22 caliber rimfire rifle and shooting from a bench rest or supported prone position at 50 feet, fire five groups (3 shots per group) that can be covered by a quarter. Using these targets, explain how to adjust sights to zero.
- L) Adjust sights to center the group on the target and fire five groups (5 shots per group). According to the target used, each shot in the group must meet the following minimum score:
 - 1) A-32 targets - 9,
 - 2) A-17 or TQ-1 targets - 7,
 - 3) A-36 targets - 5.

**** NOTE:** It is not always practical to adjust the sights (i.e. when using a borrowed fixed-sight rifle). For requirement 2-1, you may demonstrate your ability to use the shooting fundamentals by shooting five shot groups (five shots per group) in which all shots can be covered by or touch a quarter and then explain how to adjust the sights to zero the rifle.

Requirement 1

a)
Why should BB and pellet air guns be treated with the same respect as firearms? _____

b)
How would you react if a friend visiting your home asked to see your or your family's firearm(s)? _____

c)
Explain the need for, use, and types of eye and hearing protection: _____

d)
Give the main points of the laws for owning and using guns in your community and state: _____

e)
Explain how hunting is related to the wise use of renewable wildlife resources: _____

f)
Obtain a copy of the hunting laws for your state. Explain the main points of hunting laws in your state and give any special laws on the use of guns or ammunition: _____

g)
Identify and explain how you can join or be a part of shooting sports activities: _____

h)
Explain the proper hygienic guidelines used in shooting: _____

i)
List the sources that you could contact for information on firearms and their use: _____

Requirement 2

Option A: Rifle Shooting (Modern Cartridge Type):

a)

Identify the three main parts of a rifle and tell how they function:

Part: _____

How does it function? _____

Part: _____

How does it function? _____

Part: _____

How does it function? _____

b)

Identify and demonstrate the three fundamental rules for safe gun handling.

Rule 1: _____

___ Demonstrated

Rule 2: _____

___ Demonstrated

Rule 3: _____

___ Demonstrated

c)

Identify the two types of cartridges, their parts, and how they function.

Cartridge Type 1: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

Scout Name: _____ Unit #: _____ Date: _____
Cartridge Type 2: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

Cartridge Part: _____ Function: _____

d)
Explain the following and also explain the procedures to follow in response to each:

Misfire: _____

Procedure: _____

Hangfire: _____

Procedure: _____

Squib Fire: _____

Procedure: _____

e)
Identify and demonstrate the five fundamentals of shooting.

1-Fundamental: _____

___ Demonstrated

2-Fundamental: _____

___ Demonstrated

3-Fundamental: _____

___ Demonstrated

4-Fundamental: _____

___ Demonstrated

5-Fundamental: _____

___ Demonstrated

Scout Name: _____ Unit #: _____ Date: _____

f) Identify and explain each rule for safe shooting.

Rule 1: _____

Explanation: _____

Rule 2: _____

Explanation: _____

Rule 3: _____

Explanation: _____

Rule 4: _____

Explanation: _____

Rule 5: _____

Explanation: _____

Rule 6: _____

Explanation: _____

Rule 7: _____

Explanation: _____

g)

Demonstrate the knowledge, skills, and attitude necessary to safely shoot a rifle from the bench rest position or supported prone position while using the five fundamentals of rifle shooting.

Summarize how you demonstrated this: _____

h)

Identify the basic safety rules for cleaning a rifle: _____

List the materials needed to clean a rifle:

1: _____ 2: _____ 3: _____

4: _____ 5: _____ 6: _____

i)

___ Demonstrate to your merit badge counselor how to clean a rifle properly and safely. Briefly describe the steps you took: _____

Scout Name: _____ Unit #: _____ Date: _____

j)

Use the spaces below to list some of the points you would consider in selecting a rifle.

- | | | |
|-----------|-----------|-----------|
| 1: _____ | 2: _____ | 3: _____ |
| 4: _____ | 5: _____ | 6: _____ |
| 7: _____ | 8: _____ | 9: _____ |
| 10: _____ | 11: _____ | 12: _____ |
| 13: _____ | 14: _____ | 15: _____ |

k)

The last requirement asks that you do some shooting. Using a .22 caliber rimfire rifle and shooting from a bench rest or supported prone position at 50 feet, fire five groups (3 shots per group) that can be covered by a quarter.

Using these targets, explain how to adjust the sights to zero: _____

Adjust sight to center the group on the target and fire five groups (five shots per group). According to the target used, each shot in the group must meet the following minimum score:

- (1) A32 targets – 9
- (2) A-17 or TQ-1 targets – 7
- (3) A-36 targets – 5

**** NOTE: It is not always practical to adjust the sights (i.e. when using a borrowed fixed-sight rifle). For requirement 2-1, you may demonstrate your ability to use the shooting fundamentals by shooting five shot groups (five shots per group) in which all shots can be covered by or touch a quarter and then explain how to adjust the sights to zero the rifle.**

l)

___ Once you have met the minimum shooting score show your targets to your merit badge counselor for verification.