Rifle Shooting

Ten Ring Merit Badge Workbook

This workbook is designed to show only the Modern Cartridge type Rifle option for the Rifle Merit Badge which will be used by Ten Ring.
You must have **this** workbook completed before coming to the range. Please note we require that the Scout use this workbook.
The requirements shown in **RED** will be done at the range.
These are the current BSA Requirements revised: 2025.
Workbook updated: October 2025.

Online Resources *(Use any Internet resource with caution and only with your parent's or guardian's permission. Parents - we have provided several on-line resources to help your Scout. Their use is not required.)*

Scout's Name:_____Unit: _____

1. Do the following:

A. Explain what a projectile is, and why any device that shoots a projectile at high speed must be handled with care and respect and used only in approved locations.

_____

_____

_____

B. Explain the basic rules of safe gun handling that apply to all firearms.

_____

_____

_____

C. Describe how you would react if a friend visiting your home asked to see your or your family's firearm(s).

_____

_____

D. Explain the need for, and use, and types of, eye and hearing protection.

_____

_____

_____

E. Explain the main points of the laws for owning and using guns in your community and state.

_____

_____

_____

_____

_____

F. Explain how hunting is related to the wise use of renewable wildlife resources.
Note to parents: National Shooting Sports Federation (NSSF) prepared and distributes these videos to teachers. These will help you answer this complicated question.
http://www.youtube.com/watch?v=IZ20zQwfmQE http://www.youtube.com/watch?v=Sk8UO_OVOps

G. Successfully complete a state hunter education course or obtain a copy of the hunting laws, then do the following:

1. Explain the main points of hunting laws in your state, and any special laws on the use of guns or ammunition.

2. List the kinds of wildlife that can be legally hunted in your state.

NOTE: You can get a free copy of these from anyplace that sells hunting licenses, or you can view a copy online at http://www.dnr.state.mn.us/regulations/hunting/index.html.

H. Explain to your counselor the proper hygienic guidelines used in shooting. List here

I. Identify places in your community where you can join or be a part of range and target activities.

J. Discuss with your counselor a list of sources that you could contact for information on firearms and their use. List here.

2. Working under the supervision of a certified National Rifle Association (NRA) Rifle instructor and a certified range safety officer, at a nationally authorized camp property or at a commercial firearm range (as defined in the Scouting America National Range and Target Activities Manual), Do the following: RIFLE SHOOTING (Modern Cartridge Type):

A. Identify the three main parts of a rifle.

Explain how the three main parts of a rifle function.

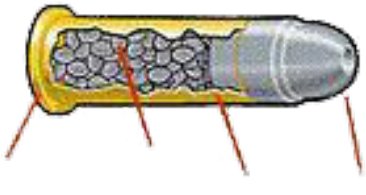
B. Identify and demonstrate the rules for safely storing and handling a rifle.

Note: These are in the chapter – Gun Safety - Rules for Using or Storing a Gun.

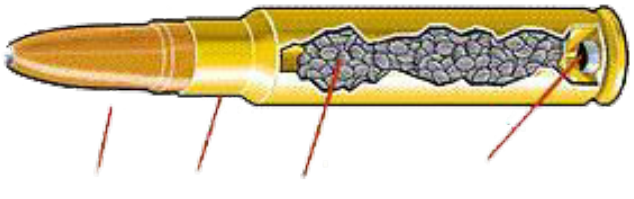
C. Identify the two types of cartridges, their parts, and how they function.

Label the parts of these cartridge types.

Rimfire



Centerfire



D. Explain to your counselor what a misfire, hangfire, and squib fire are. Explain and demonstrate proper preventive measures, and the procedures to follow in response to each:

What is a **misfire**. _____

_____

What do you do. _____

_____

What is a **hangfire**. _____

_____

What do you do. _____

_____

What is a **squib** fire. _____

_____

What do you do. _____

_____

E. Explain the five fundamentals of shooting a rifle safely. Demonstrate on the range.

Note: These are in the chapter – Rifle Shooting Fundamentals -- Fundamentals of Firing a Shot.

_____

_____

_____

_____

_____

F. Demonstrate the knowledge, skills, and attitude necessary to safely shoot a rifle on a range, including understanding and following range procedures and commands.

Explain the range procedures and range commands.

_____

_____

_____

_____

G. Explain the basic safety rules for cleaning a rifle, and identify the materials needed.

_____

_____

_____

_____

H. Demonstrate how to clean a rifle properly and safely.

I. Discuss what points you would consider in selecting a rifle.

J. Using a .22 caliber rimfire rifle and shooting from a bench rest or supported prone position at 50 feet, fire five groups (three shots per group) that can be covered by a quarter.

Using these targets, explain how to adjust sights to zero a rifle.

K. Adjust sights 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:

A-32 targets - 9

A-17 or TQ-1 targets - 7

A-36 targets - 5

* Note: In the event that your instructor determines it is not practical to adjust the sights -- for instance, on a borrowed rifle -- you may explain (rather than doing) how to adjust the sights. For requirement K, 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 a quarter and then explain how to adjust the sights to zero the rifle.

3. Identify how you could apply the skills and knowledge of safe and responsible use of firearms you learned in this merit badge to pursue a career or personal hobby. Research the additional training and experience you would need, expenses you may incur, and the affiliation with organizations that could help you maximize the positive impact and enjoyment you gain from it. Discuss what you learned with your counselor, and share what short-term and long-term goals you might have if you pursued this.