

# 4-H Shooting Sports



Rifle Projects  
.22 Field Rifle  
.22 Target Rifle

# Parts of the Rifle

## 3 Major Parts:

1. Action (Lock)
2. Stock
3. Barrel

## Parts of Stock:

**Butt** – the rear portion of the stock which is designed to fit against the shoulder.

**Comb** – the top portion of the stock, on which the shooter rests his cheek.

**Grip** (also called the “**small of stock**” or “**pistol grip**”) – the area where the hand grasps the stock when firing the rifle.

**Fore-end (or “forearm”)** – the part of the stock that extends underneath the barrel. This is where the non-shooting hand holds the rifle to support it while shooting. When separate from the rear of the stock, it is called the “forearm”.

## Parts of Barrel:

**Bore** – the inside of the barrel

**Muzzle** – the front end of the barrel where the bullet exits

**Breech** – the rear of the barrel (near the chamber)

**Chamber** – the part of the barrel, located at the breech end, which holds the cartridge at the instant of firing.

**Rifling** – composed of spiral “lands and grooves cut into the bore. The rifling makes the bullet spin to give it stability.

**Sights** – used to aim the rifle

## Parts of Action:

**Receiver** – the backbone to which all other parts are attached

**Bolt/breech block** – closes over the chamber to hold the cartridge in place for firing.

**Trigger** – when squeezed, activates the firing mechanism to fire the rifle

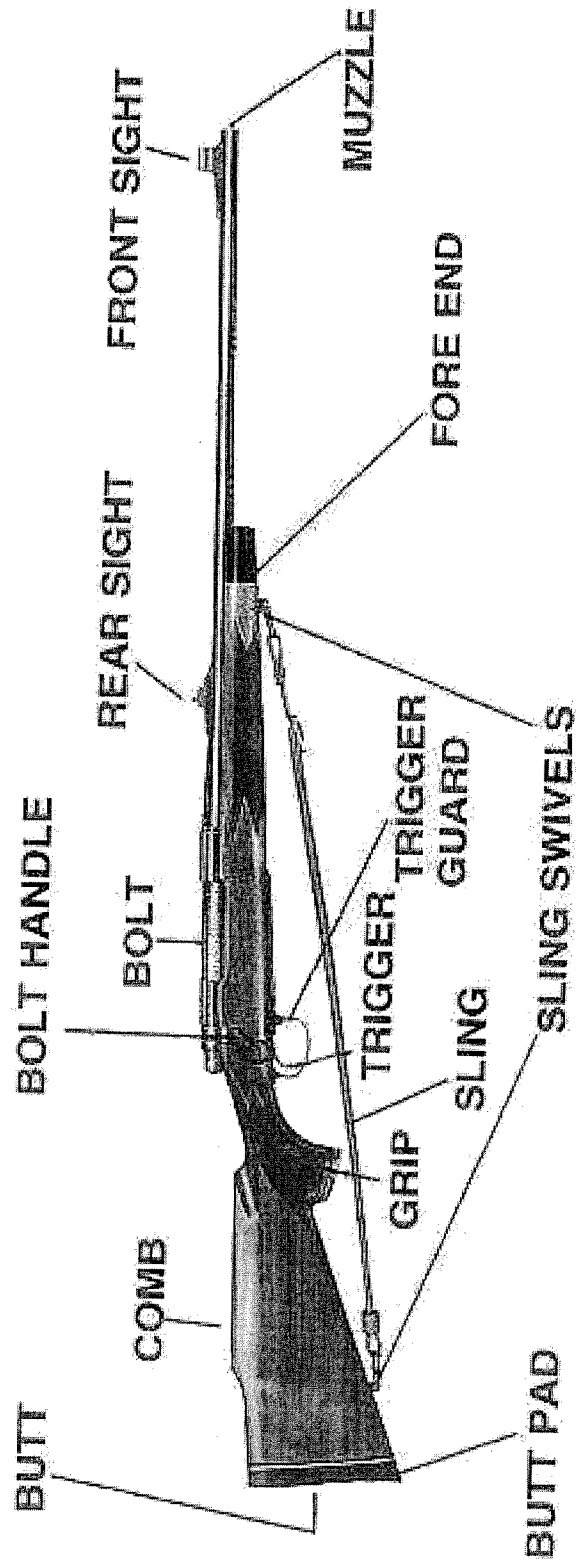
**Trigger guard** – designed to protect the trigger in order to reduce the possibility of an unintentional firing.

**Magazine** – holds cartridges ready for feeding into the chamber

**Safety** – a mechanical device designed to reduce the chance of an unintentional discharge. Mechanical devices can fail and must be used **ONLY** as a supplement to safe gun handling practices!

**Action Release** (if applicable)-allows a closed action to be opened.

# RIFLE PARTS



# **.22 Rifle Supplies**

## **Supplies you will need now include:**

- Shooter's Log Notebook
- A container to keep rifle equipment in; small tackle box works well.
- Safety glasses
- Hearing protection
- Ammunition block
- Ground cloth
- Pencil
- Pad of paper to make notes on (Shooter's Log)
- Optional – binoculars

## **When it is time to get your own equipment add:**

- gun
- gun case
- ammunition – transport separate from your rifle.  
NOTE: It is illegal to transport your ammo in the same case you transport your rifle.
- screw driver to adjust sights
- Action open indicator (Can easily make.)
- .22 caliber cleaning rod
- Cleaning supplies  
(Cotton patches, cotton cloth, oil, solvent, tooth brush)

# Safety Rules

**YOU** alone are responsible for gun safety!

## RULES FOR SAFE GUN HANDLING

**1. Always keep the gun pointed in a safe direction.**

(NOTE: This rule is considered the "GOLDEN RULE".)

2. **Always** keep the gun unloaded until ready to use.
3. **Always** keep your finger off the trigger until ready to shoot.

## RULES FOR SAFE RIFLE USE AND STORAGE

1. Know your target and what is beyond.
2. Know how to safely use the gun.
3. Be sure the gun is safe to operate.
4. Use only the correct ammunition for your gun.
5. Wear eye and ear protection as appropriate.
6. Never use alcohol or drugs before or while shooting.
7. Store guns so they are not accessible to unauthorized persons.

**Be aware that certain types of guns and many shooting activities require additional safety precautions not listed above.**

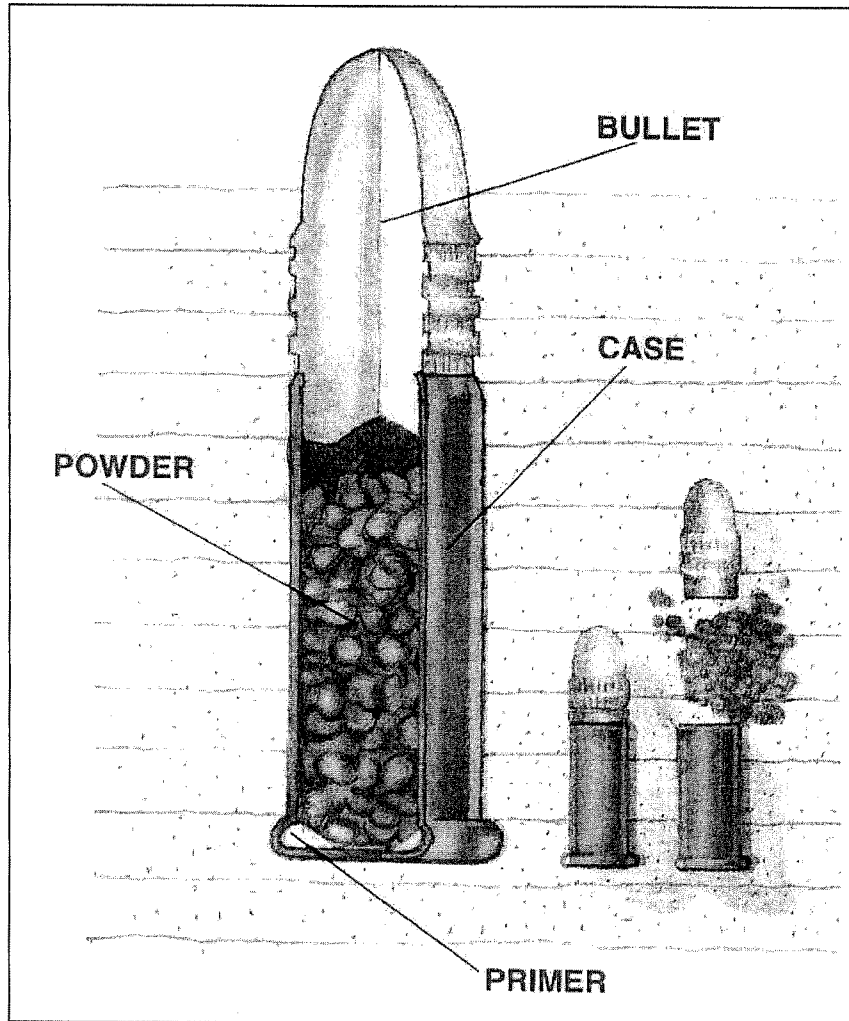
**The first thing you should do when arriving at a new shooting range is to learn the range rules for that range.**

## **ASK: Attitude – Skill - Knowledge**

It is important to have the proper **ATTITUDE**, develop the **skills** and gain the necessary **knowledge** to be a safe shooter. Each shooter must be in control of his/her emotions and actions at all times.

# Rimfire Ammunition

.22 Caliber





## Ingham County 4-H Shooting Sports Annual Rifle Project Participation Form

<b>Shooter's Name:</b>	<b>4-H Age</b> ____ <b>Beg. Jr. Sr.</b>
<b>4-H Club Name:</b>	<b>Date Started Course:</b>
<b>Certified Rifle Instructor's Name:</b>	<b>Phone:</b>
<b>Equipment Used:</b>	

Rifle Knowledge Requirements	Completion Date	Shooter's Initials	Instructor's Initials	Comments
Safe Gun Handling Rules (Any time a gun is handled.)				
Parts of the Rifle and their functions				
Types of Rifle Actions & their operations				
Ammunition Basics				
Types of Sights & their uses				
Dominate Eye Exercise				Left/Right (Circle One)
Transporting Firearms				
Safe Gun Handling Practical Exercise				
<b>Rifle Knowledge Verification</b>			Certified 4-H Shooting Sports Instructor Signature:	

Shooting Fundamental Requirements	Completion Date	Shooter's Initials	Instructor's Initials	Comments
Range Safety Rules (Eye & ear protection)				
Basic Range Commands (Used to control range)				
Sight Alignment & Trigger Control				
Sight Picture & Breath Control				
Sight Adjustment				
<b>Positions:</b>				
Bench Rest				
Standing				
Sitting				
Kneeling				
Prone				
Self Control				
<b>Shooting Fundamental Verification</b>			Certified 4-H Shooting Sports Instructor Signature:	

This form must be completed and signed by a Michigan 4-H Shooting Sports "Certified Rifle Instructor". The instructor must be registered with the Ingham County 4-H Office. Completed forms must be presented to fair registrar each year.

By signing this form the instructor is verifying that the above named shooter has successfully completed the "4-H Basic Rifle Course" as outlined in the National 4-H Shooting Sports Curriculum and the training provided has been in compliance with the Michigan 4-H Shooting Sports Program "Safety Practices and Policies" document.