



California Cadet Corps

Curriculum on Military Knowledge



“To Deter War & Protect Our Freedoms”

M9/A: Purpose of the Military Branches



Purpose of the Military Branches

Do You Know Your Military?

This video describes the different branches of military service:



https://youtu.be/_zYI7jVzbrY



Agenda

A1. US Army Purpose

A2. US Air Force Purpose

A3. US Navy Purpose

A4. US Marine Corps Purpose

A5. US Coast Guard Purpose

A6. US Space Force

A6. California National Guard Purpose



US ARMY PURPOSE

A1. Explain the purpose of the United States Army



Purpose of the Military Branches

OBJECTIVES

90% of Unit Cadets will understand the purpose of the different branches of service.

Plan of Action

- Explain the purpose of the United States Army
- Explain the purpose of the United States Air Force
- Explain the purpose of the United States Navy
- Explain the purpose of the United States Marine Corps
- Explain the purpose of the United States Coast Guard
- Explain the purpose of the United States Space Force
- Explain the purpose of the California National Guard

Essential Question: What is the US Army's main purpose?



US ARMY



Mission

“To deploy, fight and win our nation's wars by providing ready, prompt, and sustained land dominance by Army forces across the full spectrum of conflict as part of the joint force.”

Army, U. (2018). *US Army*. Retrieved from US Army: <https://www.army.mil/info/organization/>



US ARMY

Breaking it down:

“To deploy, fight and win our Nation’s wars” –

The Army goes where they’re needed and fights wars



US ARMY

Breaking it down:

“Providing ready, prompt and sustained land dominance” –

- The Army is in charge of the land-based part of war
- It controls the land, and through that control, dominates the place where they’re fighting



US ARMY

Breaking it down:

“Across the full spectrum of conflict” –

- Uses the elements of combat power –Maneuver, Firepower, Leadership, Protection, and Information—to overwhelm the enemy and win
- Involves support units providing protection or security, logistics, and services to the fighting forces
- Involves intelligence and cyber forces getting into the minds and systems of the enemy to create opportunities to exploit them



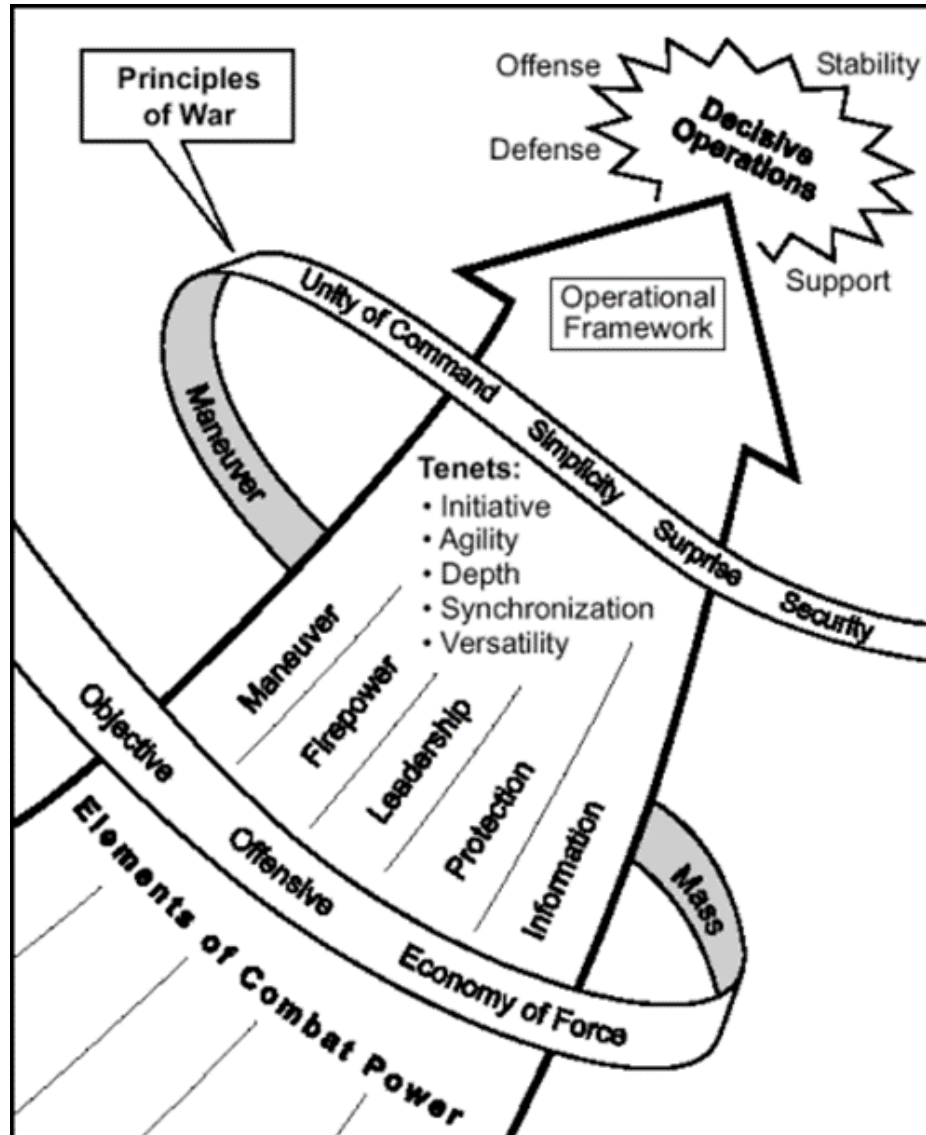
US ARMY

Breaking it down:

“As part of the joint force” –

Committed to working with the other military branches of services to win wars

US ARMY





CALIFORNIA
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Major Army Capabilities



Aviation



Airborne



Infantry



Armor (tanks)



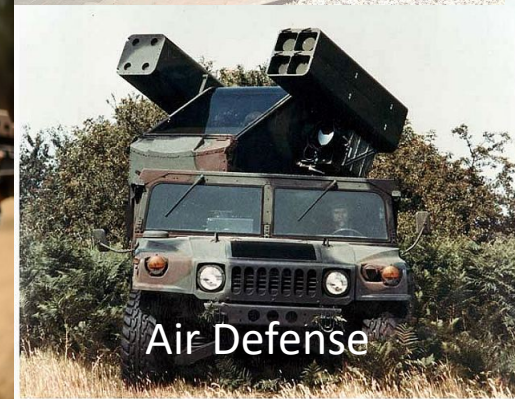
Combat Vehicle



Artillery



Special Forces



Air Defense



US ARMY

Composed of three components:

- **Active Army, (aka, the Regular Army)**
 - Soldiers and Units who work for the Army as their full-time job
- **Army Reserve**
 - Soldiers and Units who work for the Army part-time,
 - Trained in case they're called up to serve full-time in cases of emergency
- **Army National Guard**
 - Soldiers and Units who work for their State Governor, but who train to the same standards of the Army and Reserve,
 - Can be called up to serve full-time in cases of emergency.
 - Also work for the state during emergencies



US AIR FORCE PURPOSE

A2. Explain the purpose of the United States Air Force



Purpose of the Military Branches

OBJECTIVES

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Plan of Action

- Explain the purpose of the United States Army
- Explain the purpose of the United States Air Force
- Explain the purpose of the United States Navy
- Explain the purpose of the United States Marine Corps
- Explain the purpose of the United States Coast Guard
- Explain the purpose of the United States Space Force
- Explain the purpose of the California National Guard

Essential Question: What is the US Air Force's main purpose?



US AIR FORCE



Mission

To fly, fight and win in air, space, and cyberspace



US AIR FORCE

"With one hand the Air Force can deliver humanitarian assistance to the farthest reaches of the globe, while with the other hand we can destroy a target anywhere in the world."



US AIR FORCE

Breaking it down:

- Air power is primary mission
 - Fighters
 - Bombers
 - Transport (cargo & personnel)
 - Tankers
 - Command & Control Platforms
 - Attack
 - Electronic Warfare
 - Reconnaissance & Surveillance
 - Search & Rescue
 - Unmanned Aircraft (drones)
 - Helicopters



Major Air Force Capabilities



Fighters



Bombers



Tankers

Ballistic
Missiles



Transport



E-4B

AIRBORNE COMMAND POST



Helicopters



Electronic Warfare



Multipurpose



Drones



Attack Aircraft



US AIR FORCE

Breaking it down:

- Cyberspace
 - Network security, data transmission, & sharing of information
 - Establishes, operates, maintains, & defends AF networks to ensure warfighters can maintain information advantage for US forces
 - Figures out countermeasures



US AIR FORCE

Composed of four components:

- **Active Air Force**
- **Air Force Reserve**
- **Air National Guard**
- **Space Force**

Supported by the **Civil Air Patrol (CAP)**:

- Civilian Auxiliary
- Performs:
 - Emergency services missions
 - Aerospace education for youth & general public
 - Cadet programs for teens
 - Other missions as requested by governmental & private agencies





Check on Learning

1. What is the Air Force's primary mission?
2. What are the two other important parts of it's mission?



US NAVY PURPOSE

A3. Explain the purpose of the United States Navy



Purpose of the Military Branches

OBJECTIVES

90% of Unit Cadets will understand the purpose of the different branches of service.

Plan of Action

- Explain the purpose of the United States Army
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- Explain the purpose of the United States Navy
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- Explain the purpose of the United States Space Force
- Explain the purpose of the California National Guard

Essential Question: What is the US Navy's main purpose?



US NAVY



Mission

“To recruit, train, equip, and organize to deliver combat ready Naval forces to win conflicts and wars while maintaining security and deterrence through sustained forward presence.”



US NAVY

Breaking it down:

- Military presence & dominance on the seas
 - Fleet of naval ships
 - Air component extends presence inland
 - Submarines
- Transports equipment & supplies to distant battlefields



US NAVY

Breaking it down:

- Surface Warfare fleet
 - Project US power anywhere on the high seas
 - Self-sustaining power projection
- Air fleet
 - Missiles & planes from aircraft carrier battle groups can go almost anywhere



US NAVY

Breaking it down:

- Submarine fleet
 - Can launch ballistic missiles
 - Has played major role in deterrence for decades
 - Submarine-based missiles have prevented potential adversaries from starting a nuclear war with the US



CALIFORNIA
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US Navy Capabilities



AWACS



Aircraft Carrier

Carrier Battle Group



F35 Fighter



F/A-18 Hornets



Harpoon



Osprey



Destroyer



Submarine &
Missiles



Littoral Combat
Ship



Merchant Marines



- Not *Armed* Forces, but *Uniformed Services*
- ~300 fed & civilian owned ships
 - Carry passengers & cargo; not warships
 - Hospital ships (Comfort & Mercy)
- Ship officers serve as Navy Reservists
 - Strategic asset to US Navy
 - Don't perform training or duty like other reserves
- Military Sealift Command



Merchant Marines





Public Health Service



- Not *Armed* Forces, but *Uniformed Services*
- Asst Secretary for Health & Surgeon General
- 6500 medical professionals
- Mission: “Protect, promote, & advance the health & safety of our nation.”
- Uniforms similar to US Navy
- Navy ranks





US NAVY



Consists of two components*:

- Active Navy
- Navy Reserve

**The Marine Corps is part of the Navy, but we'll look at it as a separate component*



Check on Learning

In addition to dominance on the seas, what are the two other pieces of the US Navy's mission?

What are the two *Uniformed Services* that work closely with the Navy?



US MARINE CORPS PURPOSE

A4. Explain the purpose of the United States Marine Corps



Purpose of the Military Branches

OBJECTIVES

90% of Unit Cadets will understand the purpose of the different branches of service.

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Essential Question: What is the US Marine Corps' main purpose?



US MARINE CORPS



Mission

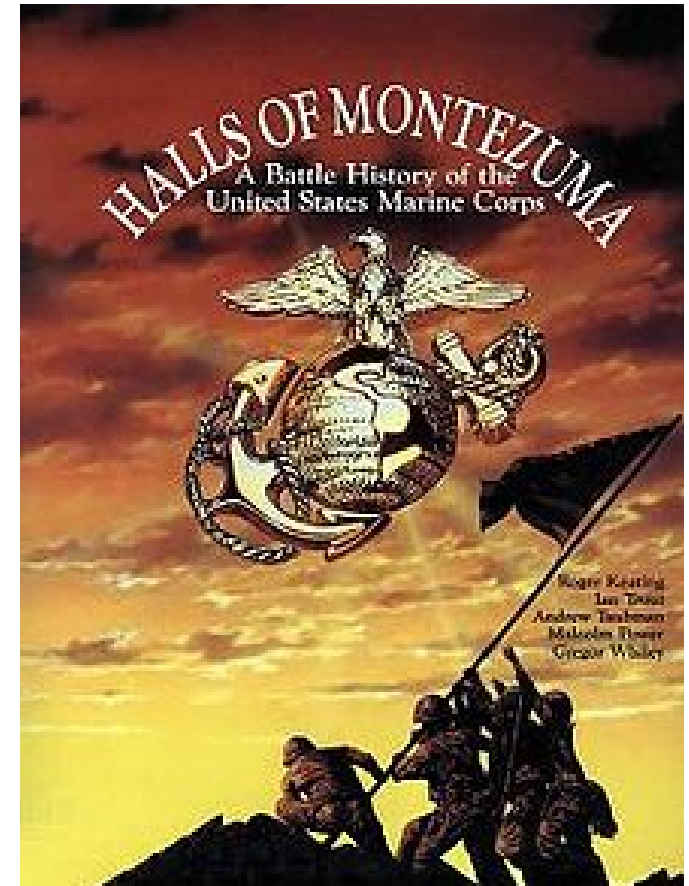
To defend the people of the United States at home and abroad



US MARINE CORPS

Breaking it down:

- Land arm of the Navy
- Guard US embassies
- On naval ships & bases
- Quick reaction force





US MARINE CORPS

- Contributed greatly in the Pacific Theater during WWII
 - Got in
 - Fought hard
 - Won
 - Moved on
- Reputation as fighters who:
 - Don't give up
 - Fight ferociously
 - Fight to win



US MARINE CORPS

Consists of Two Components:

- Active Marine Corps
- Marine Corps Reserve





Check on Learning

What is the Marine Corps' purpose?



US COAST GUARD PURPOSE

A5. Explain the purpose of the Coast Guard



Purpose of the Military Branches

OBJECTIVES

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- Explain the purpose of the California National Guard

Essential Question: What is the US Coast Guard's main purpose?



US COAST GUARD

Mission

“To ensure our Nation's maritime safety, security and stewardship.”



Stewardship is defined as the job of supervising or taking care of something, such as an organization or property



US COAST GUARD

- One of the five US military services, BUT
- Often falls under Department of Defense
- Currently part of the Department of Homeland Security





US COAST GUARD

Breaking it down:

- The Coast Guard is a
 - Military service
 - Law enforcement organization
 - Regulatory agency
 - First responder
 - Member of the intelligence community



US COAST GUARD

Breaking it down:

- Has 3 basic roles
 - Maritime safety
 - Maritime security
 - Maritime stewardship
- Subdivided into 11 missions



US COAST GUARD

Breaking it down:

The 11 missions

- Homeland security missions
- Non-homeland security missions
- Ports, Waterway & Coastal Security
- Drug Interdiction
- Aids to Navigation
- Search and Rescue
- Living Marine Resources
- Marine Safety
- Defense Readiness
- Migrant Interdiction
- Marine Environmental Protection
- Ice Operations (ice breaking)
- Other Law Enforcement



US Coast Guard Capabilities



Department of Homeland Security
**United States
Coast Guard**
Motor Lifeboat Station
Morro Bay, CA





US COAST GUARD

Consists of Two Components:

- Active Coast Guard
- Coast Guard Reserve





Check on Learning

Which of these is not a part of the US Coast Guard's mission?

To ensure:

- a. Maritime safety
- b. Maritime space defense
- c. Maritime security
- d. Maritime stewardship



US SPACE FORCE PURPOSE

A6. Explain the purpose of the California National Guard



Purpose of the Military Branches

OBJECTIVES

90% of Unit Cadets will understand the purpose of the different branches of service.

Plan of Action

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Essential Question: What is the US Space Force's main purpose?



US SPACE FORCE



- New branch of the Armed Forces
- Established on December 20, 2019
- Falls under the Department of the Air Force
 - Like the Marines fall under Department of the Navy
 - Oversight by Secretary of the Air Force
- 4-star General, Chief of Space Operations (CSO), serves as senior military member of the USSF. CSO is a full member of the Joint Chiefs of Staff.



US SPACE FORCE



Mission

“The USSF is a military service that organizes, trains, and equips space forces in order to protect U.S. and allied interests in space and to provide space capabilities to the joint force. USSF responsibilities include developing military space professionals, acquiring military space systems, maturing the military doctrine for space power, and organizing space forces to present to our Combatant Commands.”

US Space Force. (2019, December 19). *Fact Sheet*. Retrieved from US Space Force: <https://www.spaceforce.mil/About-Us/Fact-Sheet>



US SPACE FORCE

Breaking it down:

- Organizes, trains, and equips space forces
 - To protect US & allied interests in space
 - To provide space capabilities to the joint force
- Develop military space professionals
- Acquire military space systems
- Mature the military doctrine for space power
- Organize space forces to present to our Combatant Commands.



US SPACE FORCE

Breaking it down:

- Spacelift operations – East & West Coast
 - Provide services, facilities, range safety control
 - Facilitate DOD, NASA, commercial space launches
 - Satellites provide force-multiplying effects
 - Continuous global coverage & low vulnerability
 - Essential in-theater secure communications
 - Weather & Navigational data
 - Threat warning



US SPACE FORCE

Breaking it down:

- Space-based systems provide:
 - Monitor ballistic missile launches
 - Guards against a surprise missile attack on North America
 - Provide information on the location of satellites and space debris for the nation and the world
- Maintain space superiority
 - Protect space assets from hostile attacks



US Space Force Capabilities





Check on Learning

Where are the launch facilities run by the US Space Force?

Name two functions (missions) performed by the US Space Force.



CALIFORNIA NATIONAL GUARD

PURPOSE

A6. Explain the purpose of the California National Guard



Purpose of the Military Branches

OBJECTIVES

90% of Unit Cadets will understand the purpose of the different branches of service.

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Essential Question: What is the California National Guard's main purpose?



CALIFORNIA NATIONAL GUARD

The Three Missions of the California National Guard:

Federal



State



Community





CALIFORNIA NATIONAL GUARD

- Federally funded California military force
- Part of the US National Guard
- Consists of:
 - *California Army National Guard*
 - *California Air National Guard*
 - *California State Military Reserve*
 - *California Youth and Community Programs Task Force*





California Army National Guard

Mission

Organizes, trains, equips, and resources
community based land forces





California Army National Guard

- Mobilizes to support state and/or federal authority when ordered to do so
- Performs many Army missions
- Train 1 weekend a month & 2 weeks annually
- May respond to disasters in the state
- May be called to duty if needed for a federal mission



California Air National Guard

Mission

Provides support to the emergency response mission alongside the California Army National Guard and also supports the Air Force as needed





California State Military Reserve



Mission

Fills holes and provides expertise, support, and manpower as needed, especially in training situations and in state emergencies



Photo By Crystal Housman CSMR



Youth and Community Programs Task Force

Mission

Provides command, oversight, resources, and coordination with the California National Guard to the various youth programs run by the California Military Department



Youth and Community Programs Task Force

Oversees:

- ☐ The Youth ChalleNGe Programs (Grizzly, Sunburst, Discovery)
- ☐ STARBASE (Science and Technology Academics Reinforcing Base Aviation and Space Exploration)
- ☐ The California Cadet Corps
- ☐ Funded Military Institutes supported by the Military Department:
 - ☐ California Military Institute
 - ☐ Oakland Military Institute
 - ☐ Porterville Military Academy



Check on Learning

In your own words, explain the purpose of the California National Guard.