The Impact Ordnance has on Warfare and Civilization

By Jade Schmitt
<table>
<thead>
<tr>
<th>Fires</th>
<th>Muzzle Loader Springfield</th>
<th>Breach Loading Sharp Spencer</th>
<th>Gatling Gun</th>
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<tbody>
<tr>
<td>Tactics</td>
<td>Napoleonic Open Ranks</td>
<td>Modern Cover &amp; Concealment</td>
<td>Trench / Fort</td>
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World War One
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<thead>
<tr>
<th>Strategy</th>
<th>Mounted Vehicles</th>
<th>Armored Vehicles</th>
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<td>Intimidation</td>
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<td>Tactics</td>
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<td>First time seeing mechanized assets</td>
<td>Maneuverability &amp; Mobile Firepower</td>
<td>Break Through Trenches Without Casualties</td>
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<td>Fires</td>
<td>Tactics</td>
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<td></td>
<td>Hotchkiss</td>
<td>Maxim</td>
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<td>Roland Garros</td>
<td>Anthony Fokker</td>
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<td>deflector plate</td>
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<td>Open-Bolt, 28 Rounds</td>
<td>Closed Bolt</td>
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<td>No synchronization</td>
<td>Easier to sync</td>
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World War Two
World War Two Era
1938-1945

Aerial Bombing
- No laws- Pilots bombed transportation, airfields, and ammunition dumps which resulted in collateral damage
- 1938 anxiety: structure and shields from air raids
- Civilians Fear: alarms, shelters, drills

Race for the Atomic Bomb
- 1939- Einstein informs President Roosevelt of a new bomb
- 1941- Manhattan Project is established
- 1943- Americas and all other nations best scientist integrate in NM
- 1943- Britain holds blueprints, leaving Soviets in dark
- 1945- President Truman release Fat Man & Little Boy over Hiroshima and Nagasaki
The Cold War
Cold War Era
1945-1991

Fear
- United States vs. Soviet Union
- End of WWII: Britain and US holds power
- Spies and scientist share atomic secrets

Results
- Bomb Shelters & mandatory K-12 drills
- Diplomatic and military policies
- Conspiring with Communist
- 1949- Soviets detonate first atomic bomb
War on Terrorism
1992 - Present

- Improvised Explosive Device
  - Unorthodox – Russian leftovers
  - Various detonations
  - Difficult to detect
  - Mission: cause fear, instability, or discomfort to enemy

- New Philosophy on War
  - Nation building
  - “hearts and minds”
  - Sustainability
Future: Decade of the Drone