

A weapon, arm or armament is any implement or device that can be used with the intent to inflict damage or harm. Weapons are used to increase the efficacy and efficiency of activities such as hunting, crime, law enforcement, self-defense, and warfare. In broader context, weapons may be construed to include anything used to gain a tactical, strategic, material or mental advantage over an adversary or enemy target.

While ordinary objects – sticks, rocks, bottles, chairs, vehicles – can be used as weapons, many are expressly designed for the purpose; these range from simple implements such as clubs, axes and swords, to complicated modern firearms, tanks, intercontinental ballistic missiles, biological weapons, and cyberweapons. Something that has been re-purposed, converted, or enhanced to become a weapon of war is termed weaponized, such as a weaponized virus or weaponized laser.

In the present book, fifteen typical literatures about armament published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on armament. We hope this book can demonstrate advances in armament as well as give references to the researchers, students and other related people.¹

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¹ <https://en.wikipedia.org/wiki/Weapon>