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## Instruct on Atom bomb

In this Instruct/How to paper on how to make a atom bomb, we will be covering the basics of how a atom bomb is created and what steps scientists take when creating a nuclear weapon. To make a atom bomb if you were to you must learn how to create and how the atom bomb functions;

{Learning how it works}

The most basic information you need to know about the atom bomb is how it works and the atom bomb works very differently than other explosives, after all it is a nuclear weapon. When a atom bomb explodes it happens because of multiple atoms all being split at once, which is called fission. Second the atom bomb has a very unique designed container that allows for multiple atoms being split at once, otherwise the explosion would become multiple tiny explosions, inside the atom bomb has a reflective material that bounces back any moving atom and when atoms have a chemical reaction while being contained in that container it builds up. After building up energy the special reflective material the breaks and collapses under the tremendous power and releases all that stored energy at once.

{Creating and what you need for a atom bomb}

Materials needed:

- Neutron reflector
- Uranium-235/Plutonium (is illegal to have more than 1 gram of uranium or plutonium without license)
- shell of a bomb that can store the chain reaction process

{Process of making atom bomb}

To make a nuclear reactor(which is the thing that creates the explosion), the uranium needs to be enriched so that 20% of it is uranium 235. For nuclear bombs, that figure needs to be nearer 80 or 90%. Get around 50kg of this enriched uranium - the critical mass - . Then store the enriched uranium into a containment that is made from neutron reflector and seal it and bomb away, you have a bomb . Any less and the chain reaction would not cause an explosion and would also need to be ignited when somehow dropping a atom bomb.