



# Protect A House From Lightning

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**Introduction:** Lightning is a giant electric spark due to discharge of atmosphere electricity. Lightning can occur when the negative charged cloud and the positive cloud collide together. When the electron negative cloud attracted to the positive charges in the ground the collision may occur. The connection is made and the protons rush up to meet the electrons. It is at this point we can see lightning. Thunder is the sound caused by rapidly expanding air.



## Method:

In a storm cloud, the moving air makes tiny water droplets and ice rub together so they become charged with static electricity. The positive electrical charges float up near the top of the cloud and the larger ones, with negative charges, stay near the bottom. This separation of electrical charges is very unstable and lightning is the way the charges are equalized or become balanced.

## Method 1

A large iron or steel pot (not aluminum) with a plastic handle.  
Rubber gloves.  
An iron or steel fork.  
A plastic sheet (a dry-cleaner garment bag is good source).



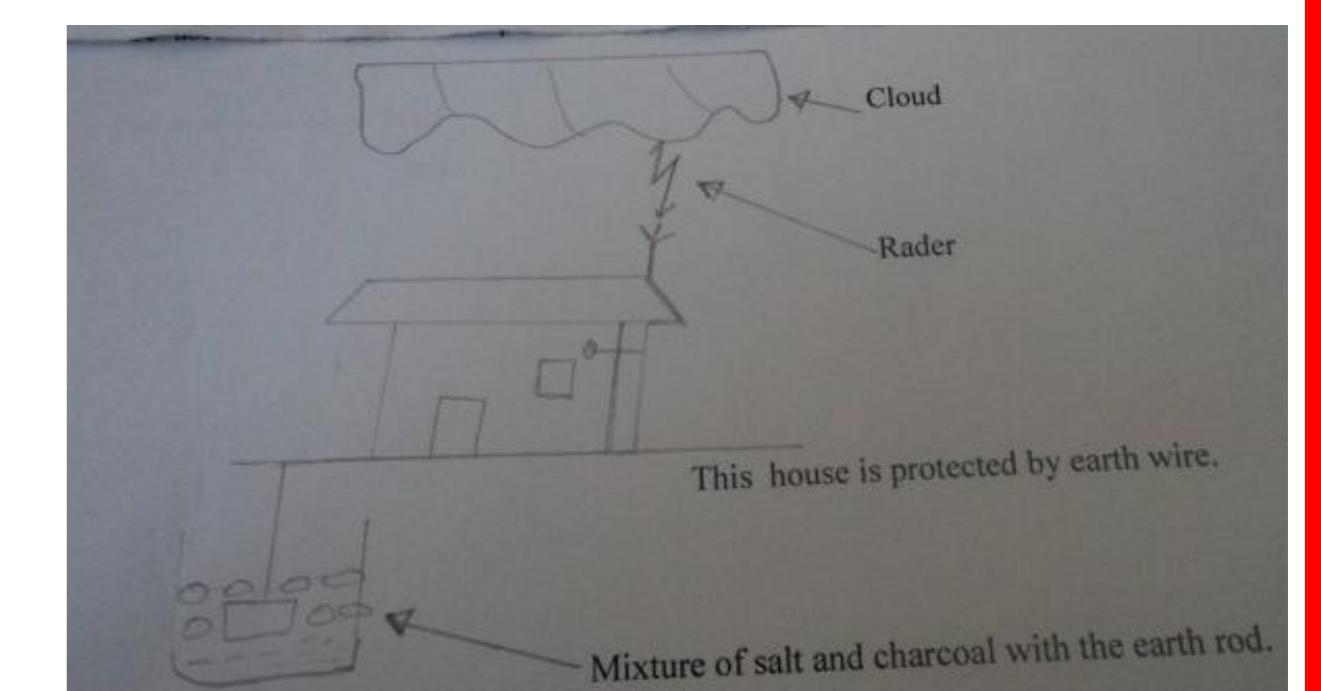
Tape the plastic sheet to a table top.

Put on the rubber gloves.

Darken the room as much as possible.

Hold the large iron pot or pan by its insulating handle and rub the pan vigorously to and fro on the plastic sheet. Holding the fork firmly in the other hand, bring its prongs slowly near the rim. When the gap between pot and fork is small, a tiny spark should jump across (A darker room will help you see the spark more clearly).

As we have seen that when the charged ions meet the heat will occur this heat may move down as a radar in zigzag way which may come to destruct or burn each and every thing because of this rapidly heat. When using the charcoal and salt may neutralize this effect due to the ions in the salt so that the positive and negative react with the negative charge from the cloud.



## Conclusions:

As we have seen that when the charged ions meet the heat will occur this heat may move down as a radar in zigzag way which may come to destruct or burn each and every thing because of this rapidly heat. When using the charcoal and salt may neutralize this effect due to the ions in the salt so that the positive and negative react with the negative charge from the cloud.

Salt



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## Further information:

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