

## Steel wool and a battery



When steel wool is between the poles of a battery, it starts to burn. This can be used to illustrate many biblical passages where fire occurs.

### Material:

- Steel wool
- Sufficiently strong battery (a 4.5 V flat battery or a 9 V battery are suitable)

### Experiment:

The steel wool is placed directly between the two poles so that it touches both.

The low voltage present in a battery is enough to ignite the steel wool.

Symbolically, the wool can be hung up so that it looks like a bush

Note: Steel wool can easily ignite and should not be thrown in the garbage together with combustible material.



## **Biblical interpretation**

### *2. Genesis 3:2*

*And the angel of the LORD appeared to him in a fiery flame from the bush. And he saw that the bush was burning with fire and yet was not consumed.*

### *Rev 20,9*

*And they came up on the plain of the earth and surrounded the camp of the saints and the beloved city. And fire came down from heaven and consumed them.*

### *Luke 12:49*

*Division for the sake of Jesus, also Matthew 10:34-36*

*I have come to kindle a fire on the earth; what would I rather have than that it were already burning!*

This is also fitting for the song, kindle your fire Lord in my heart.

## **Stick words**

Chemistry, chemical experiments, experiments, physics, fire

## **Proof of source**

Cover picture: Markus Sigrist

Game idea: With the kind permission of BESJ (Bund Evangelischer Schweizer Jungscharen), with slight modifications Markus Sigrist