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★ ★ ★ ★ ★
Keine Stimmen

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

Weitere Informationen

Categories
Games and activities

Tags
Experiment
Physics
Chemistry
Bible
Instructions

Age
13–16 years
from the age of 16

Number of participants
No data available.

Bible
This information is missing.

Terrain / surroundings
Meadow
Forest
City

Material
Almost effortless

File download
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