

**Badische Landesbibliothek Karlsruhe**

**Digitale Sammlung der Badischen Landesbibliothek Karlsruhe**

**The young man's book of amusement**

**Halifax, 1848**

To set a combustible Body on Fire, by the Contact of Water

[urn:nbn:de:bsz:31-100120](https://nbn-resolving.org/urn:nbn:de:bsz:31-100120)

and desiring him to throw away the water, but save the pieces; he will not be a little surprised at finding only one.

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*To set a combustibile Body on Fire, by the Contact of Water.*

Fill a saucer with water, and let fall into it a piece of potassium the size of a pepper corn, which is about two grains. The potassium will instantly burst into flame, with a slight explosion, and burn vividly on the surface of the water, darting at the same time from one side of the vessel to the other, with great violence in the form of a beautiful red-hot fire-ball.

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*To construct the Camera Obscura.*

Make a circular hole in the shutter of a window, from whence there is a prospect of some distance; in this hole place a magnifying glass, either double or single, whose focus is at the distance of five or six feet; no light must enter the room but through this glass. At a distance from it, equal to its focus, place a very white pasteboard, (what is called a Bristol board, if you can procure one large enough, will answer extremely well;) this board must be two feet and a half long, and eighteen or twenty inches high, with a black border round it: bend the length of it

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