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The young man's book of amusement

Halifax, 1848

To make Beautiful Transparent Coloured Water

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Artificial Volcano.

Mix 28 pounds of sulphur and 28 pounds of iron filings together, and add as much water as will form the whole into a paste: bury the mass about two feet below the surface of the earth, and in twelve or fourteen hours so much heat will be generated, as to swell the earth, and cause an artificial volcano, throwing up whatever impedes its progress, and scattering round ashes of a yellowish and black colour. To succeed in this experiment, advantage should be taken of warm weather, and after the tenth hour of burying the mass, care should be taken not to approach too near its situation.

To make Beautiful Transparent Coloured Water.

The following liquors, which are coloured, being mixed, produce colours very different from their own. The yellow tincture of saffron, and the red tincture of roses, when mixed, produce a green. Blue tincture of violets, and brown spirit of sulphur, produce a crimson. Red tincture of roses, and brown spirits of harts-horn, make a blue. Blue tincture of violets, and blue solution of copper, give a violet colour. Blue tincture of cyanus, and blue spirit of sal-ammoniac coloured, make green. Blue solution of Hungarian vitriol, and brown ley of potash, make yellow. Blue solution of Hungarian vitriol, and red tincture of roses, make black; and blue tincture of cyanus, and green solution of copper, produce red.