A weather-alert picture
A piece of white blotting paper is immersed in a solution containing two parts cobalt chloride to one part common salt. While wet the paper will remain pink, but when dried in the sun or near a Bunsen burner it turns blue. This is the basis of the weather pictures sold in the shops. A homemade one works just as well. A picture containing sky or water can be cut from a book and an inset of this prepared blotting paper made to replace say, the sky. The picture can then be mounted on a card and hung near a window where it will quickly respond to changes in the hygrometric state of the atmosphere.