

rules of rhythm are not generally a part of education, which is normally limited to words and the right connections between them. But some languages (like Dutch) give rhythm to the writing language by putting the sign ' over a word. Possibly the Dutch give more attention to questions of rhythm in schools. The ISOTYPE language, as a helping language for teaching purposes, has to give attention to questions of rhythm before everything at the very start.

The order of signs seen by the eye has to be in relation to the best order for keeping in memory marks in the mind. That is what every decision in the invention of a teaching-picture is based on. At the same time every other picture which has been put before the public has to be kept in mind. All pictures together make one unit, and it is important for the reader not to be troubled in any way if he is conscious of all the marks which teaching-pictures have made on his memory.

Our fact pictures have to give as small an amount of detail as possible. In this they are the opposite of a natural picture and specially of a camera picture. Every ISOTYPE picture has to make use only

of such details as are necessary for an account in the language of science. It is certainly not necessary for a fact picture to be poor in details, but all details have to have teaching-value. Every part of the language-picture has its limited sense. In other words : with a limited number of statements in the language of science it is possible to give the clear story of the fact picture. Only the opinions formed in the learner, the connections he makes with his present knowledge, are outside the teaching tendency and may be a surprise to the teacher.

## GROUPING PICTURES WITH OTHER THINGS

It is not the same thing to make a teaching book on a special branch of knowledge as to make an encyclopaedia from which the reader makes a selection himself. The ISOTYPE picture language would be of use as a helping language in an international encyclopaedia of common knowledge. Such an encyclopaedia will be the work of our time. A number of