

occurred the cause was said to have been an insect in the gums and the medicine man set forth to draw it out. Finally when the patent could not stand the tooth any longer it was knocked out with a stone.

SCIENCE TEACHERS GO VISITING

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The science teachers of Knox County were granted permission to spend November 11, an in-service day for teachers, visiting local industries. Four industries, namely, the Electro-Manganese Company, Gas Company, Knoxville Water Plant, and Fulton Syphon Company were visited on that day. All participating teachers agreed that the day was well spent.

Of special interest was the guided tour through the Electro-Manganese Company, one of our newer industries in Knoxville. We gained a great deal of technical information as well as practical knowledge. This plant, the largest in the world, produces over one million pounds of manganese per month. The reasons given for selecting Knoxville as a site for their plant were given in this order: climate, help, and electric power. Our climate which has no extremes of heat or cold is especially suitable for the electroplating process. According to the management, the East Tennessee "Hill Billy" is exceedingly apt and easily trained as a worker. TVA power with its low rate and availability is a must for this plant.

A closer relation between industries and schools is very desirable. First-hand information as to what the different industries want or expect of our high school graduates can be of invaluable help both to the teacher and to the boy or girl who expects to go into that field. A recent survey of two hundred industries showed that they are facing an acute shortage of scientists and engineers.

Rear Admiral Lewis L. Strauss in his speech to the Thomas A. Edison Foundation Institute in November of this year was quite frank in his criticism of our school systems for the failure to turn out more trained scientists and engineers. In his contrast with Russian schools we came out a very poor second.

Our group plans to spend our next in-service day visiting more industries. Men from some of the Industrial Companies have also been invited to our schools to speak to our science students. It has been suggested that we arrange a SCIENCE-CAREER DAY in all our schools.

We would like to pass our ideas on to teachers in other schools who may help to emphasize the science program to our boys and girls, and we should like for them to pass their ideas back to us.