

**INDUSTRIAL BOOKLETS.
ELEMENTARY
INDUSTRIAL SERIES**

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Industrial Booklets. Elementary Industrial Series by A. E. Pickard

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A. E. PICKARD

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INDUSTRIAL SERIES**

Industrial Booklets

BY

A. E. PICKARD

Elementary Industrial Series

UNIV. OF
CALIFORNIA

WEBB PUBLISHING COMPANY
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1916

GIFT

E. L. Griffin

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AGRIC. DEPT. *Education*

TO THE
LIBRARY

PREFACE

"Industrial Booklets" is one of the three books of the Elementary Industrial Series for young folk. It has been prepared with a view of helping to meet the demand for more definite material for the industrial booklet work that is now done so generally in elementary grade and rural schools. It is conceded that much of the agricultural and industrial work should be correlated with the language and composition lessons, and at least emphasized, if not taught entirely in this manner.

Of recent years many interesting topics have been discussed and booklets shown at the county and state school exhibits. Much valuable and original work has been done. But teachers and pupils have been handicapped in not having at their disposal enough definite reference material. Students cannot be expected to make up their own outlines entirely and the teacher often does not have the time to help.

This little book is really a manual for the language and composition classes, then, rather than an industrial book, like the other two of the series. It is intended for boys and girls in junior high schools, upper grades, and rural schools, and may be used for either oral or written work. Many more topics are suggested and outlines given than can be developed in any one school. There is, therefore, opportunity to provide a definite course for several years' booklet work, taking a different phase each year, and a choice of subjects to meet the local conditions. As a textbook in the hands of the pupil it will save time and make the booklet work more definite and somewhat uniform, although it is not necessary that all members of the class work out the same outline.

Agricultural booklets are now recognized as one of the most effective ways of studying agriculture in the rural and

elementary schools. These are written as language work, on good paper with pen and ink, and discuss an outline of some phase of agriculture. Clippings from magazines, catalogs, or original drawings in ink or water color are used to illustrate the booklets. Cover paper, or common drawing paper tinted may be used as covers for the booklets. A great number of suitable topics might be suggested for this work, but each school should select a few that are best suited to its own community.

Not more than one booklet a month should be attempted for class work, although others may be made by individual students and handed in for extra credit, if the teacher so directs.

Finally, an exhibit of the booklets made during the year, and a program in which some of the booklets were read, would be an interesting event both to the school and the parents.

The teacher who is not familiar with this kind of work will find suggestions in the author's "Rural Education" where the industrial booklet idea is discussed from the standpoint of the instructor.

The author acknowledges that he has used freely many standard texts and references in the preparation of the outlines, as well as state and national bulletins from departments of agriculture. Some of these are suggested in the references at the close of each outline.

A. E. PICKARD

July, 1916

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INDUSTRIAL BOOKLETS

CHAPTER I

WHY AND HOW BOOKLETS ARE MADE

There is always a strong desire among boys and girls to be able to express freely and accurately in language the results of their investigation and thought.

Have you ever been asked to tell, or write a story for your language or composition work? Of course, as all other boys and girls of these classes have. Such work is the very backbone of this important subject. Some students find this part of their training very difficult and sometimes even distasteful, because too often no definite directions are given.

This little book presents a large number of topics that treat of the industries of the nation. You are sure to be interested in many of them. It will, therefore, be easy for you to express your thoughts, either orally or on paper, on a topic in which you are interested. You can find out from references, or, better still, at first hand in many instances, the information needed to discuss the outlines. You can probably add to some of the outlines, thus making your work more original. After you have followed some of those given, you will be ready to make your own outlines for the other topics suggested under each heading.

Bulletins on the various topics may be obtained by writing the Department of Agriculture of your own and neighboring states, as well as at Washington, D. C. Writing for these will be good practice for you in your composition class, and you may obtain free a good many valuable references for your work.