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# Oregon Agricultural College Extension Service

O. D. CENTER  
Director

## BOYS' AND GIRLS' INDUSTRIAL CLUBS

Oregon Agricultural College, United States Department of Agriculture, and  
State Department of Education, cooperating

### GENERAL CIRCULAR

*Extension Bulletin 219      Corvallis, Oregon      October, 1917*



Industrial Club members and their leaders, at O. A. C. Summer School, 1916

### INDUSTRIAL CLUB WORK, 1917

Club work is the performance of a certain project following instructions prepared by the Government and the Oregon Agricultural College.

The purpose of the work is to guide, by the best methods, the work undertaken by the boy or girl who becomes a Club member. Carrying a Club project also aids the member in systematizing his work, creates better scholarship, is an incentive to push onward, and gives effectual training in matters of thrift and economy by showing pupils how to make profits on their own investment of time, money, and energy. Proper saving and spending of money is then made possible.

Club work, moreover, offers the most effectual agency for extending the benefits of agriculture and home economics from the school room to the home, the farm, and the community enterprise. It trains young people to appreciate the opportunities of agriculture and home building as a profession.

For the year 1916 the Club members of the 33 north and western States, produced as follows:

Corn—523,110.8 bu.

Potatoes—119,328.32 bu.

Value of garden products—\$99,028.79.

Canning—175,577.3 quarts of vegetables and fruit.

Poultry—40,678 chickens raised—32,907 dozen eggs produced.

Pork—728,411.9 lbs. of pork—5300 pigs raised.

Baking—122,298 loaves of bread

Sewing—19,401 pieces.

Handicraft—872 articles made and used.

During the year just closed over 409,000 boys and girls have been doing some phase of Club work and thus doing their "bit" to help in the war. Our National Leader, Mr. O. H. Benson, has designated all Club members, for the period of the war, as "Soldiers of the Commissary."

Club work trains for self reliance.

Club work sets a standard of achievement.

Club work develops cooperation.

Club work trains for thrift and economy

Club work brings the school and home close together.

Club work teaches system.

Club work develops leaders.

The enrollment for Oregon 1916-17 by Counties follows:

Baker .....	336	Lane .....	91
Benton .....	174	Lincoln .....	55
Clackamas .....	824	Linn .....	136
Clatsop .....	147	Malheur .....	226
Columbia .....	424	Marion .....	1305
Coos .....	350	Morrow .....	197
Crook .....	257	Multnomah .....	272
Curry .....	32	Polk .....	567
Douglas .....	531	Sherman .....	216
Gilliam .....	12	Tillamook .....	327
Grant .....	1	Umatilla .....	168
Hood River .....	285	Union .....	255
Jackson .....	145	Wallowa .....	65
Jefferson .....	1	Wasco .....	463

Josephine .....	141	Washington .....	576
Klamath .....	214	Wheeler .....	16
Lake .....	48	Yamhill .....	126

Club work is receiving the most loyal support and cooperation from bankers, business men, and live stock breeders in all parts of our State.

The boys or girls who contemplate becoming Club members should carefully consider the project they prefer to undertake, and then talk the work over with their parents, the county school superintendent, the supervisor, the county agriculturist, or the teacher. They should enroll on the membership cards furnished for that purpose.

Each Club must select one or more advisors from among the men and women of the community. These advisors will receive the same literature as each Club member receives, and the advisor should meet with the members from time to time, giving them all advice possible.

The U. S. Department of Agriculture, the Oregon Agricultural College, and the State Department of Education, all cooperating in this work, ask your hearty cooperation and are ready and willing at all times to help you, by answering questions pertaining to the work and by furnishing speakers to explain and illustrate the work being done, wherever possible.

The following general rules and list of projects should be studied carefully.

#### GENERAL RULES FOR ALL INDUSTRIAL CLUB PROJECTS

1. *Requirements.* Any boy or girl between the ages of 9 and 18 on October 15, 1918, may become a Club member, whether attending school or not.

2. *Club Membership.* As soon as a boy or girl has enrolled for a Club project, and the enrollment card, properly filled out and signed, is received by the State Club Leader, Oregon Agricultural College, Corvallis, he or she will be sent the first circular of instructions, first lessons or bulletins, and first report card, which is to be filled out and returned to the State Club Leader.

When we receive the first report card, properly filled out, we shall know that the boy or girl has started his or her work on the project, then (but not till then) becoming a full member.

The county school superintendents are in charge of all Club work undertaken in their respective counties. These are assisted by county agricultural agents in counties employing such, by the rural school supervisors, by teachers, Club advisors, and in many counties by County Club Leaders.

Where five or more Club members are in the same school or locality, an Industrial Club should be organized with officers; regular meetings should be held, and the year's work closed with a local Club fair, if possible.

It is also desired that where five or more members in the same school or locality take up the same subject, a sub Club be organized, such as Pig, Poultry, or Corn Club.

Read everything carefully and follow all instructions given in your first project circular, as the right start is half the battle.

3. *Information.* For information regarding Club organization and State premium lists, write to State Superintendent of Public Instruction, State House, Salem, Ore.

For information regarding county premium lists and organization in your county, write to your county school superintendent, or county agricultural agent.

For information regarding Club organization, enrollment, Club project, instructions in your project, project reports, etc., write to the State Club Leader, Oregon Agricultural College, Corvallis.

If you do not receive your first project circular within ten days after enrolling, write to the State Club Leader. If you do not receive Club instructions and reports as other members of your Club receive them, carefully look over the instructions and literature you have received from the Oregon Agricultural College, and be sure that you have filled out all report cards and mailed them to the State Club Leader. If you have mailed these cards, write to the State Club Leader, explain as nearly as possible the date you mailed the report card, and explain also any other troubles you may have pertaining to your work.

4. *Prizes.* The prizes will include those regularly offered by the State Board of Fair Directors; the trip to the Oregon Agricultural College Summer School, offered by business men of Portland through the efforts of the State Superintendent of Public Instruction; and those offered by

different counties, Parent-Teachers' Associations and other organizations, together with many cash and commodity prizes given at local, county, and State Fairs.

5. *Exhibits and Basis of Awards.* The instructions for all exhibits and the rules for the basis of awards will be found in this circular and also in the project circular sent to each Club member and will relate to that particular project.

6. It is desired that each of you, before enrolling, decide carefully on the project you will be able to carry to completion, and that, when you enroll, you do so with the full realization that your greatest returns from the work will not be the prize you may receive but the educational value of the practical training you will secure by following the instructions given.

7. No member will be permitted to take more than two projects, and we recommend that he take only one and do that one well.

8. A certificate of award will be given to each Club in the State where 75 percent of the enrolled members complete their work and make their reports and exhibits.

9. We wish to suggest the following projects as winter projects: Poultry, Div. 1; Pork; Sheep, Div. 1; Dairy Herd Record Keeping; Baking; Sewing; Food Preparation; and Farm and Home Handicraft.

Each member should begin work as soon as possible and finish the project before school closes in the spring or summer, making the report as soon as the work is complete.

**INDUSTRIAL CLUB PROJECTS FOR OREGON BOYS AND GIRLS  
1917-1918**

1. *Corn Growing Project.* The growing of at least one-eighth of an acre of corn.

**Exhibit.** An exhibit consisting of 10 ears of field corn, grown and selected by Club member, will be required in all local, county and State Club contests.

Well-matured ears, uniform in size and shape, with straight rows, compact kernels, butts and tips well filled, and small to medium-sized cobs, are preferred.

**Basis of Awards.** The awards in all Corn Club contests will be as follows:

- (a) Exhibit ..... 50

(b) Final Project Report—		
Best yield .....	20	
Best profit on investment....	20	
Completeness and accuracy of report .....	10	50
	—	—
Possible score .....		100

2. *Potato Growing Project.* The growing of at least one-eighth of an acre of potatoes.

Exhibit. An exhibit of one peck of market potatoes, grown and selected by Club members, will be required in all local, county and State Club contests.

The market demands a smooth, shallow-eyed, oblong-oval, medium-sized tuber, free from disease and other blemishes.

Basis of Awards. The awards in all Potato Club contests will be as follows:

(a) Exhibit .....		50
(b) Final Project Report—		
Best yield .....	20	
Best profit on investment....	20	
Completeness and accuracy of report .....	10	50
	—	—
Possible score .....		100

3. *Vegetable Gardening Project.* The growing of at least one-twentieth of an acre of vegetables, of at least five varieties.

Exhibit. A vegetable exhibit, consisting of five and no more different varieties, will be required in all local, county and State Club contests.

One head of cabbage, cauliflower, lettuce, spinach, kale, etc.; one melon, pumpkin, squash, cucumber, etc.; one bunch of radishes, green onions, etc., (five plants to each bunch); five specimens each of potatoes, beets, carrots, dried onions, garlic, etc., shall constitute a variety exhibit.

Basis of Awards. The awards in all Garden Club contests will be as follows:

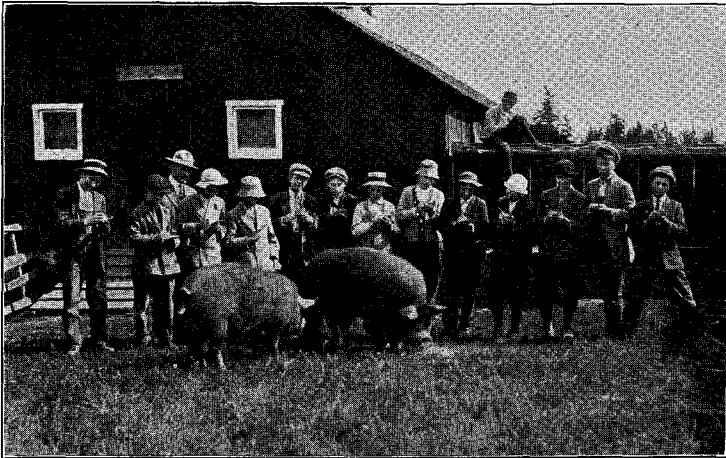
(a) Exhibit .....		50
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## (b) Final Project Report—

Best yield .....	20	
Best profit on investment .....	20	
Completeness and accuracy of report .....	10	50
	—	—
Possible score .....		100

4. *Poultry Raising Project.* Div. I. The care and management of at least five laying hens for a period of six months.

Div. II. The incubation of at least one sitting of hen eggs, and care and management of chicks for a period of four months.



Club winners judging hogs at the College

Div. III. The incubation of at least one sitting of turkey eggs and care and management of the young turkeys for a period of four months.

Div. IV. The incubation of at least one sitting of duck eggs and care and management of the young ducks for a period of four months.

Exhibit. Exhibits shall consist as follows:

Div. I. Four hens selected from Club members contesting flock.

Div. II. One cockerel, four pullets, selected from birds of Club member's own raising.

Div. III. One male and one female selected from birds of Club member's own raising.

Div. IV. One male and two females selected from birds of Club member's own raising.

Basis of Awards. The awards in all Poultry Club Contests will be as follows:

(a) Exhibit .....		50	
(b) Final Project Report—			
Largest number of fowls raised and managed .....	20		
Best profit on investment .....	20		
Completeness and accuracy of report .....	10	50	...
		—	—
Possible score .....		100	

5. *Pork Production Project.* Div. I. The care and management of a brood sow and litter from the time the sow is bred until the pigs are weaned.

Div. II. The care and management of one or more pigs intended for market hogs, from the time weaned until ready for market.

Div. III. The care and management of one or more pure-bred pigs, either sex, intended for breeding purposes, from the time weaned for a period of four months or more.

Each of the above divisions includes the growing of the necessary feed, so far as possible, and providing the necessary pasture.

Exhibit. Div. I. The sow and litter that Club member has fed and cared for must, whenever possible, be exhibited at local and county Club contests, and the winners of the county contests must exhibit their sows and litters at the State Club Contest.

Div. II and III. One or more hogs that Club member has fed and cared for must, whenever possible, be exhibited at local and county Club contests, and the winners of the county contest must exhibit their hogs at the State Club contest.

Basis of Awards. Div. I.

(a) Best sow and litter considering purpose which they are to serve .....	35
(b) Greatest average gain in weight .....	15
(c) Number of pigs raised from total number farrowed .....	10



(d) Lowest cost of production including keep of sow from previous breeding period until pigs are weaned .....	20
(e) Best-kept record book .....	20
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Possible score .....	100

## Div. II and III.

(a) Best hog considering purpose which it is to serve .....	35
(b) Greatest average gain in weight .....	15
(c) Lowest cost of gain in weight .....	30
(d) Best-kept record book .....	20
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Possible score .....	100

6. *Sheep Raising Project.* Div. I. The care and management of one or more ewes and their lambs for a period extending from the breeding season to August 31.

Div. II. The care and management of one or more lambs intended for market purposes from time lambed until ready for market.

Div. III. The care and management of one or more lambs, either sex, intended for breeding purposes, from time lambed until August 31.

Exhibit. Div. I. Shall consist of one or more lambs or one or more ewes that Club member has cared for in Club work, and sample of ewe's fleece.

Div. II. Shall consist of one or more market lambs that Club member has cared for in Club work.

Div. III. Shall consist of one or more lambs intended for breeding purposes that Club member has cared for in Club work.

## Basis of Awards: Div. I.

(a) Best ewe or lamb .....	30
(b) Best sample fleece .....	5
(c) Greatest average gain in weight on lambs	15
(d) Highest lambing percentage .....	10
(e) Greatest profit per ewe including fleece	20
(f) Best-kept record book .....	20
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Possible score .....

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100

Div. II and III.	
(a) Best lamb .....	35
(b) Greatest average gain in weight .....	20
(c) Lowest cost of gain in weight .....	25
(d) Best-kept record book .....	20

Possible score ..... 100

7. *Dairy Herd Record-Keeping Project.* Obtaining the milk, butterfat, and feed records of at least two cows for a period of six months and the scoring of four dairy cows and two dairy barns.



Club winning girls in the College sewing laboratory

Exhibit. Shall consist of all Club Member's records.

Basis of Awards. The awards in all Dairy Herd Record-Keeping Club contests will be based upon the following score:

(a) Barn milk-weight sheets complete ....	35
(b) Scoring of four cows and two barns ....	35
(c) Project Report, which must contain information regarding the cows under test .....	30

Possible score ..... 100

8. *Baking Project.* The completion of ten lessons in Baking. This course is planned to meet the needs of today, brought about by the war.

Exhibit. The exhibit is to consist of one loaf of white bread.

Basis of Awards.

(a) Exhibit—		
Bread .....		50
(b) Report—		
Completion of ten lessons .....	15	
Completeness of report .....	15	
Accuracy and neatness of report	20	50
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Possible score .....		100

9. *Canning Project.* Div. I. Home Canning, Drying and Preserving. The canning, drying, and preserving of fruits and vegetables for home use.

Div. II. Market Canning and Drying Club. A Club to consist of three or more members, who organize for the purpose of canning and drying for the market. Each Club may enter a team of three members in the county contest in canning.

Exhibit. Div. I.

- 2 jars of fruit—two varieties
- 2 jars of vegetables—two varieties
- 1 pound of dried fruit—two varieties
- 1 pound of dried vegetables—two varieties
- 2 glasses of jelly—two varieties

Basis of Awards. Div. I.

(a) Exhibit—		
Canned fruit .....	10	
Canned vegetables .....	10	
Dried fruit .....	10	
Dried vegetables .....	10	
Jelly .....	10	50
(b) Report—		
Amount of work done .....	15	
Completeness of report .....	15	
Accuracy and neatness of report	20	50
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Possible score .....		100

Exhibit. Div. II.

5 jars of each kind of product canned for market.

1 pound of each kind of product dried for market.

Basis of Awards. Div. II.

(a) Exhibit—		
Quality .....	50	
(b) Report—		
Quantity .....	20	
Profit on investment .....	20	
Accuracy and neatness of report...	10	
		100

10. *Sewing Project.* Div. I. The completion of ten lessons in sewing.

Div. II. The completion of ten lessons in advanced sewing. (This division is for those who have completed the ten lessons of Division I and have reported on same, or who are taking domestic art under an instructor.)

Exhibit. Div. I. The exhibit shall consist of a stocking darn, a hemmed patch and a simple cotton dress suitable for school wear.

Div. II. The exhibit shall consist of a stocking darn, an overhand patch and either a cotton dress suitable for afternoon wear, or a wool dress made over from old material.

Basis of Awards. Div. I and II.

(a) Exhibit—		
Darn .....	10	
Patch .....	10	
Dress .....	30	50
(b) Report—		
Completion of ten lessons ....	15	
Completeness of report .....	15	
Accuracy and neatness of report .....	20	50
		100

11. *Food Preparation Project.* The completion of ten lessons in food preparation and conservation.

**Exhibit.** The exhibit shall consist of one loaf of war bread.

**Basis of Awards.**

(a) Exhibit—		
Bread .....		50
(b) Report—		
Completion of ten lessons ....	15	
Completeness of report .....	15	
Accuracy and neatness of report	20	50
		<hr/>
Possible score .....		100



Club girls picnicing while at the College

**12. Farm and Home Handicrafts Project.** The completion of three or more articles from a list of 20.

**Exhibit.** Three articles made shall be exhibited at all local, county and state fairs.

**Basis of Awards.** The awards in all Handicraft Club contests will be as follows:

(a) Exhibit—(Usefulness and workmanship) .....		50
(b) Final Project Report (Report of the making of each article) ..	40	
Completeness and accuracy of report .....	10	50
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Possible score .....		100

13. *Rural Home Beautification Project.* Improving home conditions.

Exhibit. The exhibit will consist of the original drawing showing the plan of the home grounds before any improvements were made; one or more photographs showing the same; a drawing showing the revised plans for the improvement of the grounds, one or more photographs showing the improvements made during the contest period, and the written descriptions and explanations of the work, drawings, and photographs.

Basis of Awards. The awards in all Home Beautification Club contests will be based upon the following score:

(a)	Original drawings accompanied by one or more photographs showing condition and appearance of premises at beginning of contest .....	10
(b)	Drawing showing proposed plans .....	40
	(Each to be accompanied by written explanation)	
(c)	Extent to which proposed plans are carried out during year, to be shown by photographs and written description. ....	40
	Points to be considered:	
	Lawn .....	20
	Tree and shrub planting...	10
	Flower and garden vegetable planting .....	10
(d)	Written description and explanation of the work .....	10
	Possible score .....	<hr/> 100

14. *Belgian Hare Project.* Raising of Belgian Hares for table or market purposes.

Exhibit. Shall consist of pair of young hares of Club Member's own raising.

## Basis of Award.

(a) Best pair of hares .....	50
(b) Greatest number of hares raised and managed .....	20
(c) Best profit on investment .....	20
(d) Completeness and accuracy of report ..	10
Possible score .....	<u>100</u>

For special information pertaining to any phase of your  
Club Project work, address

H. C. SEYMOUR,  
State Club Leader.  
Extension Service, Oregon Agricultural College,  
Corvallis, Oregon.

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**INDUSTRIAL CLUB STAFF**
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