

Food & Cooking Science Fun with Dairy Foods

Enroll in ZSuite Under this Project Name: FOOD-SCIENCE FUN WITH DAIRY FOODS

Approved for 2024-25 Project Year

Project Description: Become a member of the Dairy Police Task force in this immersive food science

project! Youth will learn the science behind butter, cheese, curds while solving the

Mystery of the Missing Milk.

REQUIRED YOUTH CURRICULUM

Science Fun With Dairy Foods (#OH 490), 2016

ZSuite 4-H Involvement Report

ZSuite 4-H Project Record Book

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

Science Fun With Dairy Foods (#OH 490), 2016

SUPPLEMENTAL RESOURCES

none

The University of Idaho has a policy of nondiscrimination on the basis of race, color, religion, national origin, sex, age, sexual orientation, gender identity/expression, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities and includes, but is not limited to, applications, admissions, access to programs and services, and employment. State 4-H scholarships for education or events are available to all 4-H participants. Persons with disabilities who wish to request reasonable accommodation may do so by filling out an online form here, or by requesting the accommodation form from their local Extension 4-H office.



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PROJECT COMPLETION CHECKLIST

STATE REQUIREMENTS		
Complete the planning section (Steps 1-4 in the member guide)		
Conduct at least 4 of the 9 project experiments. Answer the questions and complete at least one Digging		
Deeper activity for each experiment you complete.		
Keep an Experiment Journal. Record your observations and draw conclusions from your findings. Use the		
Journal of Experiments section on pages 37-42 of the manual, or record your findings in a separate		
notebook.		
Take part in at least two Learning Experiences.		
Complete at least two Citizenship/Leadership activities.		
Complete the 4-H Project Record Book for this project in your ZSuite Member Account		
Fill out your 4-H Involvement Report in your ZSuite Member Account		
Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related		
to this project. Recommended guidelines for length of oral presentations are:		
Junior: 5-8 minutes		
Intermediate: 8-10 minutes		
Senior: 10-12 minutes		

ADDITIONAL LOCAL REQUIREMENTS

FAIR EXHIBIT CHECKLIST		
	Completed Idaho 4-H Involvement Report (ZSuite)	
	Completed Idaho 4-H Project Record Book for this project (ZSuite)	
	Completed Science Fun with Dairy Foods member guide and Experiment Journal.	
	One of the following exhibit options:	
	 Poster or storyboard (14" x 22") describing one of the experiments you completed in the project. 	
	Display and label some of the equipment you used to complete this project. Your labels should	
	include how the equipment was used.	
	 Display a dairy product you made during this project (NOTE: this option is ONLY available in 	
	counties with refrigeration available at the fair. Check with your local 4-H Extension Office for	
	approval before exhibiting this option.	

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