

I. Careers in Food Science

1. Innovators and Pioneers in Food Science Activity
2. Would You Consider This Career? Career Paragraph
3. Food Science Career Cube
4. You're the Boss! Help Wanted Ad
5. Find a Food Scientist
6. Decoding Activity and Lab

2. Technology in Food Science

1. Food Science Current Event
2. Kitchen Mysteries

3. Scientific Method & Measurement

1. Using a Graduated Cylinder
2. Using an Electronic Balance
3. Measuring Length Using the Metric System
4. Scientific Method Notes
5. What Makes Popcorn Pop?

4. Sensory Evaluation

1. Mapping Your Taste Buds
2. Sensory Science Powerpoint
2. Tasty Visions and Soda Comparisons Activity
3. What's That Smell? Odor Recognition Lab
4. Mouth Feel and Sensory Evaluation Lab

5. Food Safety

1. Glo-Germ Hand Washing Activity
2. Food Forensics
3. Foodborne Illness Fact Sheet
4. Two Forks Idaho Mystery

6. Compounds, Elements & Mixtures

1. Chemistry in the Kitchen
2. Tasty Molecules

7. Molecular Activity & Heat Transfer

1. Thermodynamics Notes
2. Boiling Point Lab
3. Read, Relate, React: Water Mighty Molecule Activities

8. Acids & Bases

1. pH of Common Foods

9. Carbohydrates, Fats & Proteins

1. Candy Making Project
2. Food Styling Activity
3. Candy Advertisement
4. Starch Identification
5. Lipids & Tenderizing

10. Biochemistry of Milk

1. Mozzarella Cheese Making Lab
2. Biochemistry of Milk Notes
3. Homemade Yogurt

II. Food Preservation

1. Contain Your Enthusiasm for Food Packaging
2. Making Root Beer Lab
3. Friendship Starter and Bread Lab
4. Sourdough Starter Lab
5. Dehydration of Food Notes

12. Food Processing

1. Genetically Modified Organism (GMO) Research and Individual Debate
2. What's for Launch? Web Quest
3. What's for Launch? Dining In Space Brochure

13. Portfolio and Final Project

- Food Science Resources
Portfolio Assessment