

MIDDLE SCHOOL FOOD SCIENCE: Table of Contents

UNIT 1: FOOD SCIENCE	7	Recipe: Simple Rhubarb Jam	58
Lesson 1: Introduction to Food Science	9	Worksheet: Food Additives Scavenger Hunt	59
Teacher-Led Presentation: What		Lesson & Pizza Lab	61
is Food Science Technology?	11	Where Does Your Pizza Come From?	62
Overview: Scientific Method	12	Worksheet: Where Does Your Pizza Come From?	63
Study Guide: The Scientific Method	14	Worksheet Answer Key: Where Does Your Pizza	
Study Guide Key: The Scientific Method	15	Come From?.....	64
Lab: Yeast Experiment	16	Pizza Facts Worksheet.....	65
Worksheet: Yeast Experiment	17	Pizza Ingredients & Facts	66
Lesson 2: Kitchen Measuring Basics	19	How Does Bread Rise?	67
Metric Conversion Chart.....	20	Recipe: Pizza Dough	68
Kitchen Measuring Basics Lab	21	Grading Rubric: Pizza Dough	69
Worksheet: Bonus Problems	25	UNIT 3: FOOD SAFETY	71
Worksheet Answer Key: Bonus Problems	26	Lesson 9: Introduction to Food Safety	73
Lesson 3: Food Science Labs	27	Food Safety Glossary.....	74
Lab: Enzymatic Browning	29	Worksheet: Food Safety Crossword Puzzle	77
Lab: Protein Coagulation	31	Worksheet Answer Key: Food Safety Crossword	
Lab: Sugar to Starch	32	Puzzle.....	78
Lesson 4: Careers in Food Science	33	Study Guide: Food Safety	79
List of Food Science and		Study Guide Key: Food Safety	81
Food Production Careers.....	34	Lesson 10: Causes and Prevention	
UNIT 2: FOOD PRODUCTION	35	of Bacterial Infection in Food	83
Lesson 5: Agriculture	37	Worksheet: Jody's Submarine Sandwich	84
Teacher-Led Presentation: Agriculture	39	Worksheet Answer Key:	
Vocabulary.....	40	Jody's Submarine Sandwich.....	85
Vocabulary Quiz: Food Production	41	Worksheet: Risky Foods	86
Vocabulary Quiz Answer Key: Food Production	42	List of Foods.....	87
Worksheet: My Meal	43	List of Foods Key.....	88
Worksheet: Aunt Aggie or Uncle Sci:		12 Most Wanted Poster Information.....	89
Our Agricultural Science Mascots	44	Lesson 11: Germ Busters	91
Fun Agricultural Facts	45	Proper Handwashing Techniques	93
Lesson 6: Step by Step	47	Lab: Dirty Hands, Dirty Potato Experiment	94
Resources Information Sheet.....	48	Worksheet: Potato Experiment Observation	95
Teacher's Guide: Agriculture Cycle –		Quiz: Food Safety	97
How Pizza is Made.....	49	Quiz Answer Key: Food Safety	98
Grading Rubric: Making a Poster	50	Quiz: Vocabulary	99
Worksheet: Step by Step	51	Quiz Answer Key: Vocabulary	100
Lesson 7: Food Additives	53		
Food Additives.....	54		
Common Food Additives	56		