



Project Learning Tree's ***Exploring
Environmental Issues: Municipal
Solid Waste***

Correlation to the California
Content Standards
for History-Social Science,
English-Language Arts,
Mathematics, and Science
(Organized by Grade Level)
Grades 6–12

August 2002

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Publication #322-00-026, Revised August 2002

Printed on recycled paper with a minimum of 30 percent postconsumer content

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One of six in a series

(FY 2000-01—\$1,000 total project amount; FY 2001-02—\$1,200 total project revision)

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Material in these tables, except for Project Learning Tree correlations, is extracted from the following documents published by the California State Board of Education:

History-Social Science Content Standards for California Public Schools, Kindergarten Through Grade Twelve
English-Language Arts Content Standards for California Public Schools, Kindergarten Through Grade Twelve
Mathematics Content Standards for California Public Schools, Kindergarten Through Grade Twelve
Science Content Standards for California Public Schools, Kindergarten Through Grade Twelve

For more information about this and other Project Learning Tree curricula, contact the American Forest Foundation, 1111 19th Street, NW, Suite 780, Washington, D.C. 20036, (202) 463-2462 (Web site: www.plt.org). In California, call Kay Antunez, (916) 653-7958 (e-mail: kay.Antunez@fire.ca.gov).

For training workshops on Project Learning Tree's *Exploring Environmental Issues: Municipal Solid Waste*, contact the California Integrated Waste Management Board's Office of Integrated Environmental Education at (916) 341-6769.

**Project Learning Tree's *Exploring Environmental Issues: Municipal Solid Waste*—
Correlations to California State Content Standards Organized by Grade Level**

Elementary/Middle Level, Grades 6–8

Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
6	#1 Introduction to Municipal Solid Waste: The Waste Stream	R2.1, R2.3 W1.1 LS1.5, LS2.2, LS2.5	6.1.2 6.2.1	NS1.4 A1.1 S2.2 MR2.2, MR2.4	6b, 6c
	#2 Source Reduction	LS1.4, LS1.5, LS1.6, LS2.4, LS2.5			6c
	#3 Recycling and Economics			NS1.4, NS2.3 A1.1, A1.2, A2.1, A2.2, A2.3 S2.1, S2.2, S3.2 MR1.1, MR2.4	6a, 6b
	#4 Composting				5a, 5b 7b, 7c, 7e
	#5 Waste-to-Energy	R2.2, R2.3 LS1.4, LS1.5, LS1.6, LS1.7, LS2.2, LS2.4			3b 6a
	#6 Landfills	LS1.4, LS1.5, LS2.5			7a, 7b
	#7 Where Does Your Garbage Go?	R2.4 W1.1, W2.3		NS1.2, NS2.3 A2.2, A2.3 MR1.1	6c 7c, 7d
	#8 Take Action: Success Stories and Personal Choices	W1.1		S2.5 MR1.1	6c 7a, 7b, 7c, 7d, 7e

Abbreviations

English-Language Arts: R=Reading; W=Writing; LC=Language Conventions; LS=Listening/Speaking

Mathematics: NS=Number Sense; A=Algebra; MG=Measurement/Geometry; PS=Probability and Statistics; S=Statistics/Data Analysis; MR=Mathematical Reasoning

Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
7	#1 Introduction to Municipal Solid Waste: The Waste Stream	W2.5 LS1.4, LS2.2		NS1.6 A1.5 MG1.1, MG2.3 MR2.5	
	#2 Source Reduction	R2.2 LS1.5, LS2.4			
	#3 Recycling and Economics			A4.2 S1.2 MR1.1, MR2.6	
	#4 Composting	R1.3			7a, 7c
	#5 Waste-to-Energy	R2.2, R2.3 LS1.1, LS1.4, LS1.5, LS1.6, LS2.4			
	#6 Landfills	LS1.4, LS2.4			7a
	#7 Where Does Your Garbage Go?	R2.2 W1.2, W1.4, W1.6, W2.3		MR1.1	7b, 7e
	#8 Take Action: Success Stories and Personal Choices	W1.4, W1.6		MR1.1	7a, 7c, 7e
8	#1 Introduction to Municipal Solid Waste: The Waste Stream	LS1.3, LS2.3	8.4.4 8.6.1 8.12.5	A10.0	
	#2 Source Reduction	LS2.4			
	#3 Recycling and Economics			A10.0, A15.0 PS8.0 APPS14.0	

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Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
	#4 Composting	R1.3			5a, 5c, 5e 9e
	#5 Waste-to-Energy	R2.2 LS1.3, LS1.4, LS2.4			
	#6 Landfills	LS2.4			
	#7 Where Does Your Garbage Go?	W1.5, W2.3, W2.6		PS8.0 APPS14.0	9e
	#8 Take Action: Success Stories and Personal Choices	W1.5		A10.0 PS8.0 APPS14.0	9a, 9e

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**Project Learning Tree's *Exploring Environmental Issues: Municipal Solid Waste*—
Correlations to California State Content Standards Organized by Grade Level**

Secondary Level, Grades 9–12

Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
9	#1 Introduction to Municipal Solid Waste: The Waste Stream	R2.5 LS2.2		A10.0	
	#2 Source Reduction	W1.3, W2.5 LS1.1, LS1.6, LS1.7, LS2.5			I1m
	#3 Recycling and Economics			A10.0, A15.0 PS8.0 APPS14.0	I1a, I1m
	#4 Composting				C7b B6d, B6e, B6f I1a, I1c, I1d
	#5 Waste-to-Energy	R2.3, R2.4, R2.5 W1.3, W1.5 LS1.5, LS1.6, LS1.7, LS2.5			I1m
	#6 Landfills	LS1.3, LS1.5, LS1.6, LS2.2, LS2.5			B6a, B6b I1a, I1d, I1l, I1m
	#7 Where Does Your Garbage Go?	W1.3, W1.5, W2.3		PS8.0 APPS14.0	I1d, I1l, I1m
	#8 Take Action: Success Stories and Personal Choices			A10.0 PS8.0 APPS14.0	I1a, I1d, I1f, I1l, I1m

Abbreviations

History/Social Science: AD=Principles of American Democracy; E=Principles of Economics

Language Arts: R=Reading; W=Writing; LS=Listening /Speaking

Mathematics: A=Algebra; PS=Probability and Statistics; APPS=Advanced Placement Probability and Statistics

Science: C=Chemistry; B=Biology/Life Sciences; I=Investigation and Experimentation

Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
10	#1 Introduction to Municipal Solid Waste: The Waste Stream	R2.5 LS2.2	10.3.3	A10.0	
	#2 Source Reduction	W1.3, W2.5 LS1.1, LS1.6, LS1.7, LS2.5			l1m
	#3 Recycling and Economics			A10.0, A15.0 PS8.0 APPS14.0	l1a, l1m
	#4 Composting				C7b B6d, B6e, B6f l1a, l1c, l1d
	#5 Waste-to-Energy	R2.3, R2.4, R2.5 W1.3, W1.5 LS1.5, LS1.6, LS1.7, LS2.5			l1m
	#6 Landfills	LS1.3, LS1.5, LS1.6, LS2.2, LS2.5			B6a, B6b l1a, l1d, l1l, l1m
	#7 Where Does Your Garbage Go?	W1.3, W1.5, W2.3		PS8.0 APPS14.0	l1d, l1l, l1m
	#8 Take Action: Success Stories and Personal Choices			A10.0 PS8.0 APPS14.0	l1a, l1d, l1f, l1l, l1m
11	#1 Introduction to Municipal Solid Waste: The Waste Stream		11.2.1	A10.0	
	#2 Source Reduction	R2.3 W1.6 LS1.1, LS1.3, LS1.6, LS1.8			l1m

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Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
	#3 Recycling and Economics		11.11.5	A10.0, A15.0 PS8.0 APPS14.0	I1a, I1m
	#4 Composting				C7b B6d, B6e, B6f I1a, I1c, I1d
	#5 Waste-to-Energy	R2.3, R2.6 W1.6 LS1.6, LS1.8, LS2.4	11.11.5		I1m
	#6 Landfills	LS1.6, LS1.8	11.11.5		B6a, B6b I1a, I1d, I1i, I1m
	#7 Where Does Your Garbage Go?	W1.6, W1.7, W1.8		PS8.0 APPS14.0	I1d, I1i, I1m
	#8 Take Action: Success Stories and Personal Choices		11.11.5	A10.0 PS8.0 APPS14.0	I1a, I1d, I1f, I1i, I1m
12	#1 Introduction to Municipal Solid Waste: The Waste Stream			A10.0	
	#2 Source Reduction	R2.3 W1.6 LS1.1, LS1.3, LS1.6, LS1.8	E12.1.1, E12.1.3, E12.2.1		I1m
	#3 Recycling and Economics		E12.1.1, E12.2.2, E12.2.4	A10.0, A15.0 PS8.0 APPS14.0	I1a, I1m
	#4 Composting				C7b B6d, B6e, B6f I1a, I1c, I1d

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Grade	Activity	English-Language Arts	History-Social Science	Mathematics	Science
	#5 Waste-to-Energy	R2.3, R2.6 W1.6 LS1.6, LS1.8, LS2.4	AD12.2.4, AD12.3.1, AD12.3.2 E12.1.1, E12.1.3, E12.1.10, E12.3.1		I1m
	#6 Landfills	LS1.6, LS1.8	E12.1.1, E12.1.3, E12.2.10, E12.3.1		B6a, B6b I1a, I1d, I1I, I1m
	#7 Where Does Your Garbage Go?	W1.6, W1.7, W1.8		PS8.0 APPS14.0	I1d, I1I, I1m
	#8 Take Action: Success Stories and Personal Choices		AD12.2.4, AD12.3.1, AD12.3.2 E12.1.1, E12.1.2, E12.1.3	A10.0 PS8.0 APPS14.0	I1a, I1d, I1f, I1I, I1m

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