

Alaska Correlations



The Alaska State Content Standards
correlated to Mathematics

How to Use this Guide

The Alaska State Content Standards

To use this guide, you must have the Alaska State Content Standards booklet. For a free hard copy write Standards, Department of Education & Early Development, 801 W. Tenth Street, Juneau, Alaska, 99801-1894; or call 907/465-2800. The Content Standards are also available on the Web.

www.eed.state.ak.us/contentstandards/home.html

“Welcome to the Wonderful World of Alphabet Soup”

In an effort to include Project WILD, Project Learning Tree and the Alaska Wildlife Curriculum all in one publication, we are using letters and symbols to organize this guide.

Activity rating system

This guide correlates each activity using a rating system. Activities that do not fully assess a standard may need additional information, alternative teaching methodology, etc. Ideas on adapting activities to meet the standards are discussed in workshops. You may also contact the Project WILD and Project Learning Tree Coordinators for more help.

Teaches enough to assess the standard	■
Teaches part of the standard	●
References the standard	▲
Does not address the standard	no symbol

Activity guide codes

Project WILD (PW)

Project WILD K-12 Activity Guide	PW
Project WILD Aquatic Education Guide	PA

Project Learning Tree (PLT)

Project Learning Tree K-8 Activity Guide	PLT
Introduction to Secondary Modules (9-12)	SM
Focus on Forests (9-12)	FF
The Changing Forest: Forest Ecology (9-12)	CFE
Focus on Risk (9-12)	FR
Municipal Solid Waste (9-12)	MSW

Alaska Wildlife Curriculum (AWC)

Alaska's Ecology (K-12)	AE
Alaska's Forests and Wildlife (K-12)	FW
Alaska's Tundra and Wildlife (K-12)	TW
Wildlife for the Future (K-12)	WF

Mathematics

	Activity	Grades	Rating	Book	Page
A-1					
PLT	Germinating Giants	4-6	▲	PLT	234
A-2					
PW	Water's Going On?!	5-9	▲	PW	304
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Watershed	4-12	▲	PA	172
PW	Whale of a Tail	2-8	▲	PA	26
PW	Where Does Water Run Off After School?	6-12	●	PA	82
PLT	Every Drop Counts	4-8	●	PLT	122
PLT	Germinating Giants	4-6	▲	PLT	234
PLT	How Big is Your Tree?	PreK-8	■	PLT	239
PLT	Soil Stories	5-8	▲	PLT	252
PLT	Waste Watchers	5-8	▲	PLT	274
PLT	Cast of Thousands	9-12	▲	CFE	27
PLT	Success Stories and Personal Choices	9-12	▲	MSW	106
PLT	Waste Stream, The	9-12	▲	MSW	16
A-3					
PW	Checks and Balances	6-12	▲	PW	186
PW	How Many Bears Can Live in This Forest?	3-9	●	PW	134
PW	I'm Thirsty	7-12	▲	PW	154
PW	Lobster in a Lunch Box	4-7	▲	PW	223
PW	No Water off a Duck's Back	6-12	▲	PW	274
PW	Turkey Trouble	10-12	●	PW	164
PW	Water's Going On?!	5-9	▲	PW	304
PW	How Wet is Our Planet?	4-12	▲	PA	8
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Whale of a Tail	2-8	▲	PA	26
PW	Where Does Water Run Off After School?	6-12	▲	PA	82
PLT	400 Acre Wood	7-12	▲	PLT/SM	169, 42
PLT	Air to Drive	5-8	▲	PLT	325
PLT	Every Drop Counts	4-8	●	PLT	122
PLT	Germinating Giants	4-6	●	PLT	234
PLT	How Big is Your Tree?	PreK-8	●	PLT	239
PLT	Talking Trash, Not!	1-6	▲	PLT	119

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	Activity	Grades	Rating	Book	Page
A-3 continued					
PLT	Waste Watchers	5-12	▲	PLT/SM	274, 63
PLT	Cast of Thousands	9-12	▲	CFE	27
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
PLT	Decision Making: Ecological Risks, Wildfires, and Natural Hazards	9-12	▲	FR	92
PLT	Recycling and Economics	9-12	▲	MSW	42
PLT	Waste Stream, The	9-12	▲	MSW	16
AWC	Investigating the Living Environment	4-12	▲	AE	100
AWC	Oh Moose!	4-12	▲	AE	68
AWC	Champion Tree	5-12	●	FW	35
AWC	How Much Paper Do We Use?	K-6	●	FW	112
AWC	Harvesting Wildlife	2-12	▲	TW	139
AWC	Habitat Roulette	6-8	▲	WF	114
AWC	How Many Animals Live Here?	3-8	●	WF	21
AWC	And Then There Were Many	6-8	●	WF	30
A-4					
PW	Bearly Born	4-7	▲	PW	6
PW	Birds of Prey	10-12	▲	PW	150
PW	Turkey Trouble	10-12	●	PW	164
PW	Net Gain, Net Effect	3-6	▲	PA	104
PW	Where Have All of the Salmon Gone?	6-12	●	PA	110
PLT	Loving It Too Much	6-8	▲	PLT	108
PLT	Talking Trash, Not!	1-6	▲	PLT	119
PLT	Cast of Thousands	9-12	▲	CFE	27
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
PLT	Recycling and Economics	9-12	▲	MSW	42
PLT	Waste Stream, The	9-12	▲	MSW	16
AWC	Oh Moose!	4-12	▲	AE	68
AWC	Forests for People	5-12	■	FW	106
AWC	How Much Paper Do We Use?	K-6	▲	FW	112
AWC	Harvesting Wildlife	2-12	▲	TW	139
AWC	Gone Forever	5-8	▲	WF	120
AWC	Graphic Populations	6-8	●	WF	38
AWC	And Then There Were Many	6-8	■	WF	30

Mathematics

	Activity	Grades	Rating	Book	Page
A-5					
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Watershed	4-12	▲	PA	172
PW	Whale of a Tail	2-8	●	PA	26
PLT	Every Drop Counts	4-8	▲	PLT	122
PLT	Shape of Things, The	PreK-8	●	PLT	3
PLT	Talking Trash, Not!	1-6	▲	PLT	119
PLT	Cast of Thousands	9-12	▲	CFE	27
PLT	Chances Are...	9-12	▲	FR	33
	Understanding Probability and Risk				
PLT	Recycling and Economics	9-12	■	MSW	42
PLT	Success Stories and Personal Choices	9-12	▲	MSW	106
PLT	Waste Stream, The	9-12	▲	MSW	16
PLT	Where Does Your Garbage Go?	9-12	▲	MSW	98
A-6					
PW	Bird Song Survey	9-12	●	PW	200
PW	Carrying Capacity	7-12	▲	PW	152
PW	Turkey Trouble	10-12	●	PW	164
PW	Water's Going On?!	5-9	▲	PW	304
PW	Wildlife Issues	7-12	▲	PW	244
PW	Net Gain, Net Effect	3-6	▲	PA	104
PW	Where Does Water Run Off After School?	6-12	▲	PA	82
PW	Where Have All of the Salmon Gone?	6-12	●	PA	110
PLT	Cast of Thousands		▲	CFE	27
AWC	Investigating the Living Environment	4-12	▲	AE	100
AWC	Oh Moose!	4-12	▲	AE	68
AWC	Forests for People	5-12	■	FW	106
AWC	How Much Paper Do We Use?	K-6	●	FW	112
AWC	Gone Forever	5-8	●	WF	120
AWC	And Then There Were Many	6-8	●	WF	28
B-1					
PW	I'm Thirsty	7-12	▲	PW	154
PLT	Every Drop Counts	4-8	▲	PLT	122
PLT	Chances Are...	9-12	▲	FR	33
	Understanding Probability and Risk				
AWC	How Many Animals Live Here?	3-8	▲	WF	21

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	Activity	Grades	Rating	Book	Page
B-2					
PW	Turkey Trouble	10-12	●	PW	164
PLT	Cast of Thousands	9-12	▲	CFE	27
B-3					
PW	I'm Thirsty	7-12	▲	PW	154
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Watershed	4-12	▲	PA	172
PLT	Air to Drive	5-8	▲	PLT	325
PLT	How Big is Your Tree?	PreK-8	▲	PLT	239
PLT	Chances Are...Understanding Probability and Risk	9-12	▲	FR	33
AWC	How Many Animals Live Here?	3-8	●	WF	21
B-4					
AWC	Don't Put All Your Eggs in One Basket	K-4	▲	WF	24
B-5					
This standard is not addressed					
B-6					
PW	Bearly Born	4-7	●	PW	6
PW	Birds of Prey	10-12	●	PW	150
PW	Turkey Trouble	10-12	▲	PW	164
AWC	How Many Animals Live Here?	3-8	▲	WF	21
B-7 through B-8					
This standard is not addressed					
C-1					
PW	Birds of Prey	10-12	▲	PW	150
PW	Turkey Trouble	10-12	●	PW	164
PW	Watershed	4-12	▲	PA	172
PW	Where Have All of the Salmon Gone?	6-12	▲	PA	110

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	Activity	Grades	Rating	Book	Page
C-1 continued					
PLT	Living With Fire	PreK-8	▲	PLT	311
PLT	Cast of Thousands	9-12	▲	CFE	27
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
PLT	Recycling and Economics	9-12	▲	MSW	42
PLT	Waste Stream, The	9-12	▲	MSW	16
PLT	Where Does Your Garbage Go?	9-12	▲	MSW	98
C-2 through C-4					
These standards are not addressed					
D-1					
PW	Birds of Prey	10-12	●	PW	150
PW	I'm Thirsty	7-12	▲	PW	154
PW	Turkey Trouble	10-12	▲	PW	164
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
D-2					
PW	Birds of Prey	10-12	●	PW	150
PW	I'm Thirsty	7-12	▲	PW	154
PW	Turkey Trouble	10-12	▲	PW	164
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
D-3					
PW	Birds of Prey	10-12	●	PW	150
D-4					
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
D-5					
This standard is not addressed					

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	Activity	Grades	Rating	Book	Page
E-1					
PW	Eco-Enrichers	6-12	▲	PW	78
PW	Turkey Trouble	10-12	▲	PW	164
PW	Net Gain, Net Effect	3-6	▲	PA	104
PW	Where Have All of the Salmon Gone?	6-12	▲	PA	110
PLT	How Big is Your Tree?	PreK-8	▲	PLT	239
PLT	Chances Are...Understanding Probability and Risk	9-12	▲	FR	33
PLT	Decision Making: Ecological Risks, Wildfires, and Natural Hazards	9-12	▲	FR	92
PLT	Recycling and Economics	9-12	●	MSW	42
E-2					
PW	Lobster in a Lunch Box	4-7	●	PW	223
PW	Water's Going On?!	5-9	▲	PW	304
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Where Have All of the Salmon Gone?	6-12	▲	PA	110
PLT	Air to Drive	5-8	▲	PLT	325
PLT	How Big is Your Tree?	PreK-8	▲	PLT	239
PLT	Cast of Thousands	9-12	●	CFE	27
PLT	Chances Are... Understanding Probability and Risk	9-12	▲	FR	33
PLT	Recycling and Economics	9-12	▲	MSW	42
E-3					
PW	Birds of Prey	10-12	●	PW	150
PW	Checks and Balances	6-12	●	PW	186
PW	No Water off a Duck's Back	6-12	▲	PW	274
PW	Turkey Trouble	10-12	■	PW	164
PW	Water's Going On?!	5-9	▲	PW	304
PW	How Wet is Our Planet?	4-12	▲	PA	8
PW	Puddle Wonders!	2-12	▲	PA	22
PW	Watershed	4-12	▲	PA	172
PW	Whale of a Tail	2-8	▲	PA	26
PW	Where Does Water Run Off After School?	6-12	●	PA	82
PW	Where Have All of the Salmon Gone?	6-12	●	PA	110

Mathematics

	Activity	Grades	Rating	Book	Page
E-3 continued					
PLT	400 Acre Wood	7-12	▲	PLT/SM	169, 42
PLT	Birds and Worms	K-6	▲	PLT	77
PLT	Every Drop Counts	4-8	●	PLT	122
PLT	Germinating Giants	4-6	●	PLT	234
PLT	How Big is Your Tree?	PreK-8	●	PLT	239
PLT	Loving It Too Much	6-8	▲	PLT	108
PLT	Talking Trash, Not!	1-6	▲	PLT	119
PLT	Cast of Thousands	9-12	●	CFE	27
PLT	Chances Are...Understanding Probability and Risk	9-12	▲	FR	33
PLT	Composting	9-12	▲	MSW	61
PLT	Recycling and Economics	9-12	▲	MSW	42
PLT	Success Stories and Personal Choices	9-12	▲	MSW	106
PLT	Waste Stream, The	9-12	▲	MSW	16
PLT	Where Does Your Garbage Go?	9-12	▲	MSW	98

Teacher Comments

Alaska Correlations is a work in progress. We value your input into improving this guide and the programs we offer. Please complete this form and return it to us.

Robin Dublin
Alaska Correlations, Project WILD
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, AK 99518
Fax: 907-267-2433

The correlation guide has made it simple to find the connections to lessons and to State Standards that I am looking for.

Comments:

yes/no (please circle)

The correlation guide is well organized. If not how can we improve *Alaska Correlations*?

Comments:

yes/no (please circle)

I have access to the Internet at school or work.

yes/no (please circle)

I would prefer to use this guide on a web site.

Comments:

yes/no (please circle)

... more on following page

Teacher Comment / Evaluation Survey Form continued

I am interested in receiving Project WILD training.

Comments:

yes/no *(please circle)*

I am interested in receiving Project Learning Tree training.

Comments:

yes/no *(please circle)*

I am interested in Alaska Wildlife Curriculum training.

Comments:

yes/no *(please circle)*

I am interested in ordering Alaska Wildlife Curriculum materials.

yes/no *(please circle)*

I wish other materials and teaching resources existed.

Your suggestions:

yes/no *(please circle)*

All About You

Name and Mailing Address:

Work Information:

Your position:

Grades you teach:

Subjects you teach:

Your Training:

(check all that you've completed)

- Project WILD
- Project Learning Tree
- Alaska Wildlife Curriculum

Is there anything else we can do to provide the best materials and training possible for you?

Thank You!