

Project Learning Tree

Global Connections: Forests of the World

Arkansas Curriculum Frameworks Correlations

This secondary module is designed for grades 9-12 and can easily be adapted for formal and nonformal settings, as well as for middle school and adult audiences.

Correlated to the following frameworks for grades 9-12:

Subject	ADE Revision Date	Correlation Date
Biology	2005	January 2010
Environmental Science	2005	January 2010
Fine Arts/Visual Arts	2008	January 2010
Language Arts	2004	January 2010
Math		
Algebra I	2004 Amended 2006	January 2010
Algebra Connections	2004	January 2010
Statistics	2004	January 2010
Skilled and Technical Sciences (Career and Technical Education)	2007	January 2010
Social Studies		
Contemporary US History	2006	January 2010
Economics	2006	January 2010
Sociology	2006	January 2010
World Geography	2006	January 2010

Correlations marked with ** reinforce the framework listed or provide students an opportunity to use the concept in an activity or simulation.

Lesson 1: Making the Global Connection

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
CDL.7.B.5, EBR.9.B.1, EBR.9.B.3, NS.11.B.1, NS.11.B.5, NS.11.B.6, NW.12.B.7, NS.13.B.1, NS.13.B.2, NS.13.B.3	PD.1.ES.19**, SP.3.ES.2**, SP.3.ES.5**, SP3.ES.9, SP.3.ES.10, SP.3.3S.13, NS.4.ES.1, NS.4.ES.3, NS.5.ES.3, NS.6.ES.1		OV.1.9.2**, OV.1.10.2**, OV.1.11.1**, W.4.9.1, W.4.9.3, W.4.9.4, W.4.9.5, W.4.9.6, W.4.9.8, W.4.9.13, W.4.9.15, W.4.10.1, W.4.10.2, W.4.10.3, W.4.10.4, W.4.10.5, W.4.10.7, W.4.10.8, W.4.10.12, W.4.10.14, W.4.11.1, W.4.11.2, W.4.11.3,	<u>Algebra I</u> DIP.5.AI.10, DIP.5.AI.11 <u>Algebra Connections</u> PS.1.AC.5** <u>Statistics</u> DS.1.S.1**, DS.1.S.2**, DC.2.S.4**, DC.2.S.5**, DC.2.S.7**, DC.2.S.8**, DC.3.S.2, DA.4.S.3**,	<u>Forestry</u> <u>Managing Our Natural Resources</u> *See Skilled and Technical Sciences list below	<u>Contemporary US History</u> E.7.CH3 <u>Sociology</u> FS.1.S.5, S.4.S.3 <u>World Geography</u> SG.1.WG.6, SG.1.WG.9, HS.4.WG.1**, ES.7.WG.1, ES.7.WG.3, ES.7.WG.6

			W.4.11.4, W.4.11.5, W.4.11.7, W.4.11.8, W. 4.11.13. W.4.11.15, W.4.12.1, W.4.12.2, W.4.12.3, W.4.12.4, W.4.12.5, W.4.12.7, W.4.12.8, W.4.12.13, W.4.12.15	DA.5.S.1**		
--	--	--	--	------------	--	--

Lesson 2: What Is A Forest?

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
BD.2.ES.1	NS.6.ES.1		OV.1.9.2, OV.1.9.3, OV.1.10.2, OV.1.10.3, OV.1.11.1, OV.1.12.1, OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, OV.4.9.1, OV.4.9.2, OV.4.9.6, OV.4.10.5, OV.4.11.5, OV.4.12.5, OV.5.9.1, OV.5.10.1, OV.5.11.1, OV.12.1, OV.5.9.4, OV.5.10.4, OV.5.11.3, OV.5.12.3, OV.5.9.9, OV.5.10.9, OV.5.11.9, OV.5.12.9, R.9.9.1, R.9.10.1, R.9.11.1, R.9.12.1, R.9.9.5, R.9.10.5, R.9.11.5, R.9.12.5, R.9.9.11, R.9.10.9, R.10.9, R.9.11.8, R.9.12.9, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, R.11.9.1, R.11.9.3, R.11.10.1, R.11.10.3, R.11.11.1, R.11.11.3, R.11.12.1, R.11.12.3	Statistics DC.3.S.2** DA.5.S.1**	Forestry Managing Our Natural Resources *See Skilled and Technical Sciences list below	Contemporary US History E.7.CH.3 Sociology CS.2.S.2 World Geography SG.1.WG.4, SG.1.WG.9, HS.4.WG.1, HS.5.WG.2**, ES.7.WG.1, ES.7.WG.6

Lesson 3: Mapping the World's Forests

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
CDL.7.B.5, EBR.8.B.2, EBR.8.B.8, NS.10.B.4, NS.11.B.1, NS.11.B.4, NS.11.B.5, NS.11.B.6, NS.12.B.7, NS.13.B.1, NS.13.B.2, NS.13.B.3	PD.1.ES.10, PD.1.ES.18**, BD.2.ES.1, BD.2.ES.1, BD.2.ES.8, BD.2.ES.9, NS.4.ES.1, NS.4.ES.2		OV.1.9.2, OV.1.10.2, OV.1.9.3, OV.1.10.3, OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, W.5.9.8, W.5.10.8, W.5.11.8, W.5.12.8, W.10.9.1, W.10.10.1, W.10.11.1, W.10.12.1, IR.12.10.3, IR.12.11.3, IR.12.12.3, IR.12.9.4, IR.12.10.4	Algebra I DIP.5.AI.10** Algebra Connections PS.1.AC.3**, PS.1.AC.4**, PS.1.AC.5**	Forestry Managing Our Natural Resources *See Skilled and Technical Sciences list below	Arkansas History G.1.AH.9-12.1** Contemporary US History E.7.CH.3 World Geography SG.1.WG.4, SG.1.WG.5, SG.1.WG.6, SG.1.WG.9, PR.2.WG.1, PR.2.WG.2, PR.2.WG.3 PR.2.WG.4**, PR.2.WG.5, PS.3.WG.2, PS.3.WG.3, PS.3.WG.4,, HS.4.WG.1**

Lesson 4: Analyzing Patterns of Forest Change

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
HE.5.B.6**, CDL.7.B.5, CDL.7.B.8, EBR.8.B.2, EBR.8.B.6, EBR.8.B.7, EBR.9.B.1, EBR.9.B.3, NS.11.B.1, NS.11.B.2, NS.11.B.3, NS.11.B.4, NS.11.B.5, NS.11.B.6, NS.12.B.7, NS.15.B.1	BD.2.ES.1, BD.2.ES.3**, BD.2.ES.8, BD.2.ES.9, SP.3.ES.2, NS.4.ES.1, NS.4.ES.3, NS.6.ES.1		OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, IR.12.10.3, IR.12.11.3, IR.12.12.3		Forestry Managing Our Natural Resources *See Skilled and Technical Sciences list below	Contemporary US History E.7.CH.3 World Geography SG.1.WG.4, SG.1.WG.5**, SG.1.WG.6, SG.1.WG.9, PR.2.WG.1, PR.2.WG.2, PR.2.WG.3, PR.2.WG.5, PS.3.WG.3, ES.7.WG.1, ES.7.WG.3, ES.7.WG.4, ES.7.WG.6, AG.8.WG.6

Lesson 5: Understanding the Effects of Forest Uses

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
EBR.9.B.1**, EBR.9.B.2**, EBR.9.B.3**, NS.15.B.1	SP.3.ES.2, SP.3.ES.13**, NS.6.ES.1		OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, R.9.9.13, R.9.10.2, R.9.11.10, R.9.12.11, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, R.11.9.1, R.11.10.1, R.11.11.1, R.11.12.1, R.11.9.3, R.11.10.3, R.11.11.3, R.11.12.3		Forestry Managing Our Natural Resources *See Skilled and Technical Sciences list below	Economics EF.1.E.1, EF.1.E.2, EF.1.E.3 World Geography ES.7.WG.3, ES.7.WG.6

Lesson 6: Seeking Sustainability: A Global Response

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
CDL.7.B.5, EBR.9.B.1, EBR.9.B.2 EBR.9.B.3, NS.12.B.7, NS.13.B.2, NS.14.B.3	SP.3.ES.2, SP.3.ES.5, SP.3.ES.6, SP.3.ES.7, SP.3.ES.10, SP.3.ES.11	Art I CP.4.AI.13 Art II CP.1.AII.14 Art II CP.1.AIII.14 Art IV CP.1.AIV.3	OV.1.9.2, OV.1.10.2, OV.1.11.2, OV.1.12.2, OV.1.9.3, OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, W.5.9.9, W.5.10.9, W.5.11.9, W.5.12.9, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, R.11.9.3, R.11.10.3, R.11.11.3, R. 11.12.3, IR.12.9.4, IR.12.10.4, IR.12.11.3, IR.12.12.3		Forestry Managing Our Natural Resources *See Skilled and Technical Sciences list below	Contemporary US History E.7.CH.3 Economics EF.1.E.1**, EF.1.E.2**, EF.1.E.5**, EF.2.E.2**, EF.3.E.4**, EF.3.E.6**, MI.4.E.5**, MA.9.E.1** World Geography HS.6.WG.6**, ES.7.WG.3**, ES.7.WG.6, AG.8.WG.3, AG.8.WG.5

Lesson 7: Exploring the World Marketplace

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
	SP.3.ES.1**, SP.3.ES.2**, SP.3.ES.6**, SP.3.ES.9**, SP.3.ES.10**		W.5.9.9, W.5.10.9, W.5.11.9, W.5.12.9, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, IR.12.9.3, IR.12.9.4,		Forestry Managing Our Natural Resources	Contemporary US History E.7.CH.3 Economics EF.1.E.1**, EF.1.E.2**,

	SP.3.ES.11**, SP3.ES.13, NS.4.ES.1, NS.4.ES.2, NS.4.ES.3, NS.5.ES.3		IR.12.10.3, IR.12.10.4, IR.12.11.3, IR.12.12.3		*See Skilled and Technical Sciences list below	EF.1.E.3**, EF.1.E.4**, EF.1.E.5**, EF.2.E.1**, EF.2.E.2**, EF.3.E.1**, EF.3.E.3**, EF.3.E.4**, EF.3.E.6**, MI.4.E.1**, MI.4.E.2**, MI.4.E.3**, MI.4.E.4**, MI.4.E.5**, MI.7.E.3**, MA.8.E.1**, MA.9.E.1**, MA.9.E.2 <u>World Geography</u> SG.1.WG.4, SG.1.WG.9, PR.2.WG.2**, PR.2.WG.4**, HS.6.WG.1**, HS.6.WG.2**, HS.6.WG.5**, HS.6.WG.6**, ES.7.WG.2**, ES.7.WG.3**, ES.7.WG.6**, ES.8.WG.5**
--	--	--	---	--	---	---

Lesson 8: Making Consumer Choices

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
EBR.9.B.1**, EBR.9.B.2**	SP.3.ES.2**, SP.3.ES.5**, SP.3.ES.9**, SP.2.ES.10, NS.4.ES.1, NS.4.ES.2, NS.4.ES.3		OV.1.9.2**, OV.1.10.2**, OV.1.11.2.**, OV.1.12.2**, OV.1.9.4**, OV.1.10.4**, OV.1.11.3**, OV.1.12.3**, OV.2.9.4, OV.2.10.4, OV.2.11.5, OV.2.12.6, OV.4.9.15, OV.4.10.14, OV.4.11.15, OV.4.12.15, OV.5.9.1, OV.5.10.1, OV.5.11.1, OV.5.12.1, OV.5.9.3, OV.5.10.3, OV.5.11.2, OV.5.12.2, OV.5.9.9., OV.5.10.9, OV.5.11.9, OV.5.12.9. IR.12.9.2, IR.12.10.2, IR.12.11.2, IR.12.12.2, IR.12.9.3, IR.12.10.3, IR.12.11.3, IR.12.12.3, IR	<u>Statistics</u> DS.1.S.1**, DC.2.S.5**, DC.3.S.1**, DA.4.S.3**, DA.5.S.1**	<u>Forestry</u> <u>Managing Our Natural Resources</u> *See Skilled and Technical Sciences list below	<u>Contemporary US History</u> E.7.CH.3 <u>Economics</u> EF.1.E.1**, EF.1.E.2**, EF.1.E.3**, EF.1.E.5**, EF.2.E.1**, EF.2.E.2**, MA.9.E.2** <u>World Geography</u> SG.1.WG.9, ES.7.WG.3**, ES.7.WG.6, AG.8.WG.3**, AG.8.WG.5**

			12.9.7, IR.12.10.8, IR.12.11.7, IR 12.12.6, IR.12.9.12, IR.12.10.12			
--	--	--	---	--	--	--

Lesson 9: Making Consumer Choices

Biology	Environmental Science	Fine Arts	Language Arts	Math	Skilled and Technical Sciences	Social Studies
EBR.8.B.2**, EBR.9.B.1, EBR.9.B.2, EBR.9.B.3		<p>Art I CP.4.AI.13</p> <p>Art II CP.1.AII.14</p> <p>Art II CP.1.AIII.14</p> <p>Art IV CP.1.AIV.3</p>	OV.1.9.2**, OV.1.10.2**, OV.1.11.1**, OV.1.12.1**, OV.1.9.4**, OV.1.10.4**, OV.1.11.3, OV.1.12.3, W.5.9.9, W.5.10.9, W.5.11.9, W.5.12.9, R.10.9.1, R.10.10.1, R.10.11.1, R.10.12.1, IR.12.9.2, IR.12.10.2, IR.12.11.2, IR.12.12.2, IR.12.9.3, IR.12.10.3, IR.12.11.3, IR.12.12.3, IR.12.9.7, IR.12.10.8, IR.12.11.7, IR.12.12.6, IR.1.2.9.11, IR.12.10.11, IR.12.11.10, IR.12.12.9, IR.12.9.12, IR 12.10.12, IR.12.11.11, IR.12.12.10		<p>Forestry</p> <p>Managing Our Natural Resources</p> <p>*See Skilled and Technical Sciences list below</p>	<p>World Geography SG.1.WG.9, SG.1.WG.5, PR.2.WG.1**, PR.2.WG.2, PG.3.WG.3**, HS.6.WG.1**, ES.7.WG.1**, ES.7.WG.3**, ES.7.WG.5**, ES.7.WG.6</p>

Skilled and Technical Science

Forestry

Unit 1: Overview of Forestry

- 1.1 Define terms
- 1.2 Discuss career opportunities relating to forestry
- 1.5 Discuss environmental issues concerning forestry
- 1.6 Identify beneficial aspects of forestry (e.g., economics, recreation, products)

Managing Our Natural Resources

Unit 1: Introduction to Natural Resources

- 1.1 Define terms
- 1.2 List natural resources and how they are used by humans
- 1.3 Identify careers in natural resources

Unit 7: Forestry Management

- 7.1 Determine the percentage of forestland in Arkansas and the different types of ownership
- 7.2 Identify forest products and how they impact our daily lives
- 7.3 List practices used to manage forests
- 7.6. Identify and discuss environmental concerns associated with forests

Unit 9: Planning for the Future

- 9.1 Define terms
- 9.2 Identify concerns about the future availability of natural resources
- 9.4 Discuss current issues regarding the use of natural resources