

Project Learning Tree

Exploring Environmental Issues: Places We Live

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	August 2009
Environmental Science	2005	August 2009
Fine Arts/Visual Arts	2008	August 2009
Skilled and Technical Sciences (Career and Technical Education) Drafting and Design	2007	August 2009
Social Studies/American Government	2006	August 2009
Social Studies/American History	2006	August 2009
Social Studies/Contemporary US History	2006	August 2009
Social Studies/Economics	2006	August 2009
Social Studies/Sociology	2006	August 2009
Social Studies/World Geography	2006	August 2009
Social Studies/World History	2006	August 2009

Lesson 1: Personal Places

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
NA	SP.3.ES.2 SP.3.ES.3 SP.3.ES.4 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11. SP.3.ES.12 NS.4.ES.1	NA	NA	SLG.10.AG.3	IN.6.AH.2 IN.6.AH.3 IN.6.AH.4	E.7.CH.3	NA	CS.2.S.1 CS.2.S.2 CS.2.S.3 CS.3.S.1. CS.3.S.2 S.4.S.1 S.4.S.2. S.4.S.3 G.5.S.1 G.5.S.2 G.5.S.3 G.5.S.4	SG.1.WG.4 SG.1.WG.6 SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 PR.2.WG.3 PR.2.WG.4 PR.2.WG.5 HS.4.WG.1 HS.4.WG.2	MS.6.WH.1

	NS.4.ES.3 NS.5.ES.4							SI.2.S.1 SI.6.S.1 SC.7.S.1 SC.7.S.2	HS.4.WG.3 HS.4.WG.4 HS.4.WG.5 HS.4.WG.6 HS.5.WG.1 HS.5.WG.2 HS.5.WG.3 HS.5.WG.4 HS.6.WG.2 ES.7.WG.1 ES.7.WG.2 ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 ES.7.WG.6 AG.8.WG.2 AG.8.WG.7	
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Lesson 2: Community Character

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
NA	SP.3.ES.2 SP.3.ES.3 SP.3.ES.4 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 SP.3.ES.12 NS.4.ES.3	CP.4.AI.13 CP.1.AII.14 CP.1.AIII.14 CP.1.AIV.3	NA	SLG.10.AG.1 SLG.10.AG.3	IN.6.AH.1 IN.6.AH.2 IN.6.AH.3 IN.6.AH.4	E.7.CH.3	NA	FS.1.S.5 CS.2.S.1 CS.2.S.2 CS.2.S.3 CS.3.S.1 CS.3.S.2 S.4.S.2 S.4.S.3 G.5.S.3 G.5.S.4 SI.6.S.1 SI.6.S.2 SI.6.S.3 SC.7.5.1 SC.7.5.2	SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.4 HS.4.WG.2 HS.4.WG.3 HS.5.WG.4 HS.6.WG.2 ES.7.WG.1 ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 ES.7.WG.6 AG.8.WG.2 AG.8.WG.3 AG.8.WG.4	NA

Lesson 3: Mapping Your Community Through Time

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
NA	PD.1.ES.9 PD.1.ES.18 SP.3.ES.8 SP.3.ES.10 SP.3.ES.11 SP.3.ES.12 NS.4.ES.1 NS.4.ES.2 NS.4.ES.3	NA	<u>Drafting and Design</u> <u>*See Skilled and Technical Sciences list below</u>	NA	NA	E.7.CH.3	EF.1.E.1 EF.1.E.2 EF.1.E.3 EF.1.E.4 EF.1.E.5 EF.2.E.1	FS.1.S.5 CS.2.S.1 CS.2.S.2 CS.2.S.3 SI.6.S.1 SC.7.S.1 SC.7.S.2	SG.1.WG.1 SG.1.WG.4 SG.1.WG.5 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 PR.2.WG.4 PS.3.WG.5 ES.7.W.G.1 ES.7.WG.3 ES.7.WG.5 AG.8.WG.1 AG.8WG.2	MS.6.WH.1

Lesson 4: Neighborhood Design

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
NA	SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 SP.3.ES.12 NS.4.ES.1 NS.5.ES.3 NS.6.ES.1	CP.4.AI.5 CP.4.AI.6 CP.5.AI.10 RR.5.AI.4 CP.1.AII.5 CP.1.AII.6 CP.1.AII.11 CP.1.AII.16 RR.2.AII.4 CP.1.AIII.14 CP.1.AIII.16 RR.2.AIII.4 RR.2.AIII.8 CP.1.AIV.2	NA	SLG.10.AG.1	NA	E.7.CH.3	NA	FS.1.S.5 CS.2.S.1 CS.2.S.2 CS.2.S.3 G.5.S.4 SI.6.S.1 SI.6.S.2 SI.6.S.3 SC.7.S.1 SC.7.S.2	SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 HS.4.WG.2 HS.4.WG.3 HS.5.WG.1 HS.5.WG.3. HS.5.WG.4 HS.6.WG.2 HS.6.WG.3 ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 ES.7.WG.6 ES.7.WG.7 AG.8.WG.2 AG.8.WG.3	NA

Lesson 5: Green Space

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
EBR.9.B.1 EBR.9.B.2 EBR.9.B.3	PD.1.ES.9 SP.3.ES.2 SP.3.ES.3 SP.3.ES.4 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 NS.4.ES.1 NS.6.ES.1	NA	NA	SLG.10.AG.1 SLG.10.AG.2 SLG.10.AG.3	NA	E.7.CH.3	EF.1.E.1 EF.1.E.2 EF.1.E.3 MA.9.E.1	NA	SG.1.WG.3 SG.1.WG.5 SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 PR.2.WG.3 PR.2.WG.4 PR.2.WG.5 HS.4.WG.2 HS.4.WG.3 ES.7.WG.1 ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 AG.8.WG.2 AG.8.WG.3	NA

Lesson 6: A Vision for the Future

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
EBR.9.B.1 EBR.9.B.2 EBR.9.B.3	PD.1.ES.9 BD.2.ES.9 SP.3.ES.2 SP.3.ES.3 SP.3.ES.4 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 SP.3.ES.12	NA	NA	SLG.10.AG.1 SLG.10.AG.2 SLG.10.AG.3	IN.6.AH.1 IN.6.AH.2 IN.6.AH.3 IN.6.AH.4	E.7.CH.3	ES.1.E.1 ES.1.E.2 ES.1.E.3 ES.1.E.5 EF.2.E.1 MA.9.E.1	FS.1.S.5 CS.2.S.1 CS.2.S.2 CS.2.S.3 G.5.S.4 SI.6.S.1 SC.7.S.1 SC.7.S.2	SG.1.WG.4 SG.1.WG.5 SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 PR.2.WG.3 PR.2.WG.4 HS.4.WG.1 HS.4.WG.2 HS.4.WG.3 HS.6.WG.2	MS.6.WH.1

	NS.4.ES.1 NS.4.ES.2 NS.4.ES.3 NS.5.ES.3								HS.6.WG.3 ES.7.WG.1 ES.7.WG.3 ES.7.WG.4 ES.7.WG.6 AG.8.WG.2 AG.8.WG.3 AG.8.WG.7	
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Lesson 7: Far-Reaching Decisions

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
EBR.9.B.1 EBR.9.B.2 EBR.9.B.3 NS.13.B.1 NS.13.B.2 NS.13.B.3 NS.14.B.3	BD.2.ES.8 BD.2.ES.9 SP.3.ES.2 SP.3.ES.3 SP.3.ES.4 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 SP.3.ES.12 NS.4.ES.1 NS.4.ES.2 NS.4.ES.3 NS.5.ES.3	NA	NA	SLG.10.AG.1. SLG.10.AG.2 S.G.10.AG.3	IN.6.AH.1 IN.6.AH.2 IN.6.AH.3 IN.6.AH.4	E.7.CH.3	EF.1.E.1 EF.1.E.2 ES.1.E.3 ES.1.E.5 EF.2.E.1 EF.2.E.2 EF.2.E.3 EF.3.E.6 MI.4.E.1 MI.4.E.4 MI.4.E.5 MA.8.E.1 MA.9.E.1 MA.9.E.2	FS.1.S.5 CS.2.S.1 CS.2.S.2 CS.2.S.3 G.5.S.3 G.5.S.4 SI.6.S.1 SI.6.S.2 SC.7.S.1 SC.7.S.2 SP.8.S.4	SG.1.WG.7 SG.1.WG.8 SG.1.WG.9 PR.2.WG.1 PR.2.WG.2 PR.2.WG.3 PR.2.WG.4 PR.2.WG.5 HS.4.WG.1. HS.4.WG.2 HS.4.WG.3 HS.5.WG.1 HS.5.WG.2 HS.5.WG.3 HS.5.WG.4 HS.5.WG.5 HS.5.WG.6 HS.6.WG.1 HS.6.WG.2 HS.6.WG.3 HS.6.WG.5 HS.6.WG.6 ES.7.WG.1. ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 ES.7.WG.6 ES.7.WG.7 ES.7.WG.8	MS.6.WH.1

									AG.8.WG.2 AG.8.WG.3 AG.8.WG.5 AG.8.WG.6 AG.8.WG.7	
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Lesson 8: Regional Community Issues: The Ogallala Aquifer

Biology	Environmental Education	Fine Arts	Skilled and Technical Sciences	Social Studies/ American Government	Social Studies/ American History	Social Studies/ Contemporary US History	Social Studies/ Economics	Social Studies/ Sociology	Social Studies/ World Geography	Social Studies/ World History
MC.1.B.3 EBR.8.B.5 EBR.8.B.8 EBR.9.B.1 EBR.9.B.2 EBR.9.B.3 NS.11.B.4 NS.11.B.5 NS.11.B.6	PD.1.ES.1 BD.2.ES.9 SP.3.ES.2 SP.3.ES.3 SP.3.ES.5 SP.3.ES.6 SP.3.ES.7 SP.3.ES.8 SP.3.ES.9 SP.3.ES.10 SP.3.ES.11 NS.4.ES.1 NS.4.ES.2 NS.5.ES.3 NS.5.ES.4	NA	NA	NA	NA	E.7.CH.3	EF.1.E.1 EF.1.E.2 EF.1.E.3 EF.1.E.5 EF.2.E.1 EF.2.E.2 MI.4.E.1 MI.4.E.5 MI.7.E.1 MI.7.E.2 MI.7.E.3 MA.9.E.1 MA.9.E.2	SP.8.S.4	SG.1.WG.4 SG.1.WG.6. SG.1.WG.7 SG.1.WG.8. 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.1 HS.4.WG.1 HS.4.WG.2 HS.4.WG.3 HS.5.WG.1 HS.5.WG.2 HS.5.WG.6 ES.7.WG.1 ES.7.WG.3 ES.7.WG.4 ES.7.WG.5 ES.7.WG.6 ES.7.WG.7 AG.8.WG.2 AG.8.WG.3	NA

Skilled and Technical Science

Drafting and Design

Unit 3: Mathematics in Drafting

3.2 Describe procedures for performing mathematical conversions within a measurement system

3.3 Identify basic mathematics operations used in drafting

Unit 4: Orientation to Drafting and design

4.4 Outline techniques of drawing to scale