

Correlations between

**Wisconsin English Language Arts Standards
for Grade 4**

and

Seeds of Science/Roots of Reading[®]

Integrated Science and Literacy Units

Soil Habitats
Shoreline Science
Designing Mixtures
Gravity & Magnetism
Light Energy
Weather & Water
Variation and Adaptation
Digestion and Body Systems
Planets & Moons
Aquatic Ecosystems
Models of Matter
Chemical Changes

Spring 2009

**Correlation of *Seeds of Science/Roots of Reading* units to
Wisconsin State English Language Arts Standards for Grade 4**

	Grades 2-3				Grades 3-4				Grades 4-5			
	<i>Soil Habitats</i>	<i>Shoreline Science</i>	<i>Designing Mixtures</i>	<i>Gravity and Magnetism</i>	<i>Weather and Water</i>	<i>Light Energy</i>	<i>Variation & Adaptation</i>	<i>Digestion & Body Systems</i>	<i>Planets and Moons</i>	<i>Aquatic Ecosystems</i>	<i>Models of Matter</i>	<i>Chemical Changes</i>
Standard A: Reading/Literature												
A.4.1 Use effective reading strategies to achieve purposes in reading	••	••	••	••	••	••	••	••	••	••	••	••
A.4.2 Read, interpret, and critically analyze literature												
A.4.3 Read and discuss literary and nonliterary texts in order to understand human experience	••	••	••	••	••	••	•	•	••	••	•	•
A.4.4 Read to acquire information	••	•••	••	••	•••	•••	••	••	•••	••	••	••
Standard B: Writing												
B.4.1 Create or produce writing to communicate with different audiences for various purposes	••	••	••	••	••	••	••	••	••	••	••	••
B.4.2 Plan, revise, edit, and publish clear and effective writing	•	••	•	•	••	••	•	•	••	••	•	•
B.4.3 Understand the function of various forms, structures, and punctuation marks of standard American English and use them appropriately in communications	•	•	•	•	•	•	•	•	•	•	•	•

- • • Addressed completely in the unit with explicit instruction and repeated opportunities for practice.
- • Addressed partially in the unit with explicit instruction and repeated opportunities for practice.
- Touched upon in the unit providing good reinforcement to other experiences and/or an opportunity for teachers to expand instruction to address the standard partially or completely.

**Correlation of *Seeds of Science/Roots of Reading* units to
Wisconsin State English Language Arts Standards for Grade 4**

Standard C: Oral Language													
C.4.1 Orally communicate information, opinions, and ideas effectively to different audiences for a variety of purposes
C.4.2 Listen to and comprehend oral communications
C.4.3 Participate effectively in discussion

- • • Addressed completely in the unit with explicit instruction and repeated opportunities for practice.
- • Addressed partially in the unit with explicit instruction and repeated opportunities for practice.
- Touched upon in the unit providing good reinforcement to other experiences and/or an opportunity for teachers to expand instruction to address the standard partially or completely.

**Correlation of *Seeds of Science/Roots of Reading* units to
Wisconsin State English Language Arts Standards for Grade 4**

	Grades 2-3				Grades 3-4				Grades 4-5			
	<i>Soil Habitats</i>	<i>Shoreline Science</i>	<i>Designing Mixtures</i>	<i>Gravity and Magnetism</i>	<i>Weather and Water</i>	<i>Light Energy</i>	<i>Variation & Adaptation</i>	<i>Digestion & Body Systems</i>	<i>Planets and Moons</i>	<i>Aquatic Ecosystems</i>	<i>Models of Matter</i>	<i>Chemical Changes</i>
Standard D: Language												
D.4.1 Develop vocabulary of words, phrases, and idioms as a means of improving communication	•	•	•	•	•	•	•	•	•	•	•	•
D.4.2 Recognize and interpret various uses and adaptations of language in social, cultural, regional, and professional situations, and learn to be flexible and responsive in use of English	••	••	••	•	••	••	•	•	••	••	••	••
Standard E: Media and Technology												
E.4.1 Use computers to acquire, organize, analyze, and communicate information												
E.4.2 Make informed judgments about media and products												
E.4.3 Create products appropriate to audience and purpose												
E.4.4 Demonstrate a working knowledge of media production and distribution												
E.4.5 Analyze and edit media work as appropriate to audience and purpose												

- • • Addressed completely in the unit with explicit instruction and repeated opportunities for practice.
- • Addressed partially in the unit with explicit instruction and repeated opportunities for practice.
- Touched upon in the unit providing good reinforcement to other experiences and/or an opportunity for teachers to expand instruction to address the standard partially or completely.

**Correlation of *Seeds of Science/Roots of Reading* units to
Wisconsin State English Language Arts Standards for Grade 4**

	Grades 2-3				Grades 3-4				Grades 4-5			
	<i>Soil Habitats</i>	<i>Shoreline Science</i>	<i>Designing Mixtures</i>	<i>Gravity and Magnetism</i>	<i>Weather and Water</i>	<i>Light Energy</i>	<i>Variation & Adaptation</i>	<i>Digestion & Body Systems</i>	<i>Planets and Moons</i>	<i>Aquatic Ecosystems</i>	<i>Models of Matter</i>	<i>Chemical Changes</i>
Standard F: Research and Inquiry												
F.4.1 Conduct research and inquiry on self-selected or assigned topics, issues, or problems and use an appropriate form to communicate findings	•••	•••	••	••	•••	••	•••	•••	•••	•••	•••	•••

- Addressed completely in the unit with explicit instruction and repeated opportunities for practice.
- Addressed partially in the unit with explicit instruction and repeated opportunities for practice.
- Touched upon in the unit providing good reinforcement to other experiences and/or an opportunity for teachers to expand instruction to address the standard partially or completely.