

Correlation of
Seeds of Science/Roots of Reading[®]
Integrated Science and Literacy Units

with the State of North Carolina
Science Standards
for Grade 6

Created August 2011



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NC Science Standards – 6 th Grade	2 nd - 3 rd Grade				3 rd - 4 th Grade				4 th - 5 th Grade			
	Soil Habitats	Shoreline Science	Designing Mixtures	Gravity & Magnetism	Light Energy	Weather & Water	Variation and Adaptation	Digestion & Body Systems	Planets & Moons	Aquatic Ecosystems	Models of Matter	Chemical Changes
Physical Science												
Forces and Motion												
1. Identify properties of waves.	///	///	///	///								
Matter, Properties and Change												
1. Compare the structure and properties of matter before and after they undergo a change.	///	///	///	///		• • •				• • •	• • •	
Earth and Environmental Science												
Earth Systems, Structures, and Processes												
1. Compare structures of the Earth’s surface.	///	///	///	///								
Earth and Life Science												
Structures and Functions of Living Organisms												
1. Understand the major parts of a plant, including seed, root, stem, leaf, and flower, and their functions.	///	///	///	///			•					
Life Science												
Ecosystem												
1. Understand the role of producers and consumers in an ecosystem.	///	///	///	///						• • •		

- ● ● = Addressed completely with explicit instruction and repeated learning opportunities.
- ● = Addressed partially with explicit instruction and some learning opportunities.
- = Touched upon, with a few learning opportunities and/or instruction may be expanded to more fully address this standard.