

Central Science Standards Summary		Grade 7	2012---
Teacher:			
Oregon Code	Science Standard Summary	Notes:	
6.2E.1	Water cycle: Relationship to landforms & weather		
7.2E.1	Waste management: environmental and societal effects of obtaining, using, & managing waste of renewable & non-renewable resources		
7.2E.2	Earth's atmosphere: composition & change over time; future implications		
7.2E.3	Global environmental change: natural processes & human activities that affect; suggest & evaluate possible solutions to problems		
7.2E.4	Landforms: change over time at various rates in terms of constructive & destructive forces.		
8.2E.2	Processes of Earth's geosphere and the resulting major geological events		
8.2E.3	Patterns of atmospheric & oceanic movement; causes & effects on weather and climate.		
8.2E.4	Change over time: Analyze evidence for geologic, climatic, environmental & life form changes		
7.3S.1	Propose questions or hypotheses; design and conduct scientific investigation; use appropriate tools & techniques to collect relevant data.		
7.3S.2	Organize, display, & analyze relevant data; use evidence-based explanations of results of investigations; communicate conclusions; include possible sources of error.		

Code	Science Standard Summary for Grade 7:	Notes:
7.3S.3	Evaluate the validity of scientific explanations & conclusions based on the amount & quality of the evidence cited	
7.4D.1	Define a problem that addresses a need; identify constraints that may be related to possible solutions	
7.4D.2	Design, construct, and test a possible solution; evaluate the proposed solutions to identify how design constraints are addressed	
7.4D.3	New scientific knowledge can be used to develop new technologies; new technologies can be used to generate new scientific knowledge.	