

Science Priority Standards

Science EALRs														
The Big Ideas of Science														
EALR 1					EALR 2					EALR 3				
Systems					Inquiry					Application				
...is a way of thinking that makes it possible to analyze and understand complex phenomena.					...is a process of asking and answering questions about the world that forms the bedrock of science.					...is about the interaction between science and technology, and how both can help solve real-world problems.				
K-1	2-3	4-5	6-8	HS	K-1	2-3	4-5	6-8	HS	K-1	2-3	4-5	6-8	HS
Part-Whole Relationships					Making Observations					Tools & Materials				
Role of Each Part in a System					Conducting Investigations					Solving Problems				
Complex Systems					Planning Investigations					Different Technologies				
Inputs, Outputs, Boundaries & Flows					Questioning & Investigating					Science, Technology, & Problem Solving				
Predictability & Feedback					Conducting Analyses & Thinking Logically					Science, Technology, & Society				
K-1														
2-3														
4-5														
6-8														
High School														

Science Priority Standards

EALR 4 Domain of Science: Physical

The Big Ideas of Physical Science

	The Big Ideas of Physical Science														
	Core Content Area: Force and Motion					Core Content Area: Matter: Properties and Change					Core Content Area: Energy: Transfer, Transformation, and Conservation				
	PS1					PS2					PS3				
	K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11
	Push-Pull and Position	Force Makes Things Move	Measurement of force and Motion	Balanced and Unbalanced Forces	Newton's Laws	Liquids and Solids	Properties of Materials	States of Matter	Atoms and Molecules	Chemical Reactions	n/a	Forms of Energy	Heat, Light, Sound, and Electricity	Interactions of Energy and Matter	Transformation and Conservation of Energy
K-1	Introduce	Develop	Master			Introduce	Develop	Master							
2-3		Introduce	Develop	Master			Introduce	Develop	Master		Introduce	Develop	Master		
4-5			Introduce	Develop	Master			Introduce	Develop	Master			Introduce	Develop	Master
6				Develop	Master									Develop	Master
7								Introduce						Develop	Master
8									Develop	Master			Introduce	Develop	Master
Biology															
Physics					Introduce	Develop	Master								
Chemistry									Introduce	Develop	Master				

Science Priority Standards

EALR 4 Domain of Science: Earth and Space																		
The Big Ideas of Earth and Space Science																		
<table border="1"> <tr><td>Master</td></tr> <tr><td>Develop</td></tr> <tr><td>Introduce</td></tr> </table>	Master	Develop	Introduce	Core Content Area:					Core Content Area:					Core Content Area:				
	Master																	
	Develop																	
	Introduce																	
	Earth in Space					Earth Systems, Structures, and Processes					Earth History							
ES1					ES2					ES3								
K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11				
Observing the Sun and Moon	The Sun's Daily Motion	Earth in Space	The Solar System	Evolution of the Universe	Properties and Change	Water and Weather	Formation of Earth Materials	Cycles in Earth Systems	Energy in Earth Systems	n/a	n/a	Focus on Fossils	Evidence of Change	Evolution of the Earth				
K-1	Introduce, Develop, Master					Introduce, Develop, Master												
2-3		Introduce, Develop, Master					Introduce, Develop, Master											
4-5			Introduce, Develop, Master					Introduce, Develop, Master					Introduce, Develop, Master					
6				Develop, Master					Introduce									
7									Develop, Master				Introduce, Develop, Master					
8									Develop, Master				Develop, Master					
Biology														Introduce only				
Physics					Develop only					Introduce, Develop only								
Chemistry					Introduce only													

Science Priority Standards

EALR 4 Domain of Science: Life

The Big Ideas of Life Science

	The Big Ideas of Life Science														
	Core Content Area:					Core Content Area:					Core Content Area:				
	Structure and Function of Living Systems					Ecosystems					Biological Evolution				
	LS1					LS2					LS3				
	K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11	K-1	2-3	4-5	6-8	9-11
	Plant and Animal Parts	Life Cycles	Structures and Behaviors	From Cells to Organisms	Processes within Cells	Habitats	Changes in Ecosystems	Food Webs	Flow of Energy Through Ecosystems	Maintenance and Stability of Populations	Classifying Plants and Animals	Variation of Inherited Characteristics	Heredity and Adaptation	Inheritance, Variation and Adaptation	Mechanisms of Evolution
K-1	Introduce	Develop	Master			Introduce	Develop	Master			Introduce	Develop	Master		
2-3		Introduce	Develop	Master			Introduce	Develop	Master			Introduce	Develop	Master	
4-5			Introduce	Develop	Master			Introduce	Develop	Master			Introduce	Develop	Master
6				Introduce	Develop	Master								Introduce	Develop
7					Introduce	Develop			Develop	Master				Introduce	Develop
8									Develop	Master				Introduce	Develop
Biology					Introduce	Develop	Master			Introduce	Develop	Master			Introduce
Physics															
Chemistry															