

FULL OPTION SCIENCE SYSTEM (FOSS)
Alignment to the
Science Grade Level Expectations

EALR 1 – SYSTEMS																						
	GLEs	K		1 or 2					3 or 4					5 or 6								
		A 2	W P	I N	S L	A W	N P	B M	P S	S T	S O	E M	H B	M E	W A	E N	M D	L A	V A	F N	L P	M I
Properties of Substances	1.1.1		◆		◆			◆	◆		◆	◆		◆	◆					◆	◆	
Motion of Objects	1.1.2					◆		◆				◆		◆		◆		◆				
Wave Behavior	1.1.3	<i>Not developmentally appropriate as defined by OSPI</i>									◆											
Forms of Energy	1.1.4	<i>Not developmentally appropriate as defined by OSPI</i>									◆			◆					◆	◆		◆
Nature and Properties of Earth Materials	1.1.5				◆				◆			◆		◆								
Characteristics Of Living Matter	1.1.6	◆		◆			◆			◆					◆							
Structure of Physical, Earth/Space and Living Systems	1.2.1	◆	◆	◆		◆	◆	◆		◆	◆		◆	◆	◆	◆	◆	◆		◆	◆	
Energy Transfer And Transformation	1.2.2	<i>Not developmentally appropriate as defined by OSPI</i>									◆			◆	◆		◆		◆		◆	
Structure of Matter	1.2.3				◆				◆			◆		◆						▲	◆	
Components and Patterns of Earth Systems	1.2.4	<i>Not developmentally appropriate as defined by OSPI</i>															◆					
Components of the Solar System and Beyond	1.2.5					◆																
Structure and Organization of Living Systems	1.2.6	◆		◆			◆			◆		◆										
Molecular Basis of Heredity	1.2.7			◆			◆			◆												
Human Biology	1.2.8			◆								◆								◆		
Nature of Force	1.3.1					◆		◆					◆	◆		◆		◆		◆		
Forces to Explain Motion	1.3.2					◆		◆					◆			◆		◆		◆		
Conservation of Matter and Energy	1.3.3													◆					◆		◆	
Processes and Interaction in the Earth System	1.3.4								◆			◆					◆					
History and Evolution of the Earth	1.3.5								▲			◆										
Hydrosphere and Atmosphere	1.3.6					◆								◆								
Interactions in the Solar System and Beyond	1.3.7	<i>Not developmentally appropriate as defined by OSPI</i>																				
Life Processes and the Flow of Matter and Energy	1.3.8	◆		◆			◆			◆					◆					◆		
Biological Evolution	1.3.9																					
Interdependence of Life	1.3.10	◆		◆			◆								◆							



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EALR 2 – INQUIRY

		K		1 or 2					3 or 4					5 or 6								
	GLEs	A2	WP	IN	SL	AW	NP	BM	PS	ST	SO	EM	HB	ME	WA	EN	MD	LA	VA	FN	LP	MI
Questioning	2.1.1	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Planning & Conducting Safe Investigations	2.1.2	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆			◆	◆	◆	◆	◆
Explaining	2.1.3		◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Modeling	2.1.4							◆					◆	◆	◆	◆	◆	◆			◆	
Communicating	2.1.5	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Intellectual Honesty	2.2.1	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Limitations of Science & Technology	2.2.2	◆	◆	◆	◆	◆	◆	◆	◆	▲					◆	◆		◆			◆	
Evaluating Inconsistent Results	2.2.3			◆		◆	◆	◆		◆	◆	◆	◆	◆		◆	◆		◆	◆	◆	◆
Evaluating Methods of Investigation	2.2.4	No "Evidences of Learning" listed for the K-2 level								▲	◆		◆	◆		◆	◆		◆	◆		◆
Evolution of Scientific Ideas	2.2.5											▲		◆		▲	◆		◆			◆

EALR 3 – APPLICATION

		K		1 or 2					3 or 4					5 or 6								
	GLEs	A2	WP	IN	SL	AW	NP	BM	PS	ST	SO	EM	HB	ME	WA	EN	MD	LA	VA	FN	LP	MI
Identifying problems	3.1.1				◆		▲	◆		◆	◆			◆	◆		◆		◆		◆	
Designing & Testing Solutions	3.1.2				◆		▲	◆			◆			◆	◆		◆		◆		◆	◆
Evaluating Potential Solutions	3.1.3				◆		▲	◆			◆			◆	◆		◆		◆		◆	▲
All Peoples Contribute to Science & Technology	3.2.1					◆	▲			◆	▲			▲					◆		▲	
Relationship of Science & Technology	3.2.2		▲			◆				◆	▲	◆	▲	▲	▲				◆		▲	
Careers & Occupations Using Science, Math, & Technology	3.2.3		▲	◆			◆			◆	▲		▲		▲		▲		▲	▲	▲	
Environmental & Resource Issues	3.2.4	◆	▲	◆			◆		◆	◆					◆	◆						

Symbol	Meaning
	Assessment opportunities are provided for this GLE in the Washington Edition of FOSS Assessments
◆	GLE's embedded in the investigation
▲	Needs intentional additions but the opportunity to connect to the GLE is clearly present

Gr Level	Code	Unit Title
K	A2	Animals 2x2
	WP	Wood and Paper
1 or 2	IN	Insects
	SL	Solids and Liquids
	AW	Air and Weather
1 or 2	NP	New Plants
	BM	Balance and Motion
	PS	Pebbles Sand and Silt
3 or 4	ST	Structures of Life
	SO	Physics of Sound
	EM	Earth Materials
3 or 4	HB	Human Body
	ME	Magnetism and Electricity
	WA	Water
5 or 6	EN	Environments
	MD	Models and Designs
	LA	Landforms
5 or 6	VA	Variables
	FN	Food and Nutrition
	LP	Levers and Pulleys
5 or 6	MI	Mixtures and Solutions