NSES cross-reference chart, grades 9-12

Content Standards	Unit 1 Where in the World?					Unit 2 The Renewable Resource						Unit 3 Using Water					Unit 4 Water for a Desert City					
				Con								3.1	3.2	3.3	3.4	3.5	4.1	4.2	4.3	4.4	4.5	4.6
Systems, order, and organization	X	X	X	X	X	X	X	_	×	X	X	×	X	X	×		×	×	×	X		X
Evidence, models, and explanation	X	X	X	X	X	X	X		X	X	X		X	X	X	×	X	X		X	X	X
Constancy, change, and measurement	X	X	X	X	-	X	X	-	X	X	X		X	••	X	••	X	X		X	X	-
Evolution and equilibrium	-	X	X	X		-	•••		-	-	-		-		X		X	X	X	X	••	\vdash
Form and function	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
remain remeden	**										V	V .			V .			V .	V .	**		
			S	cien	_	as I		iiry	_													
Abilities necessary to do scientific inquiry		X		X	X		X		X	X			X		×	X		×		X	X	X
Understanding about scientific inquiry		X		X	X		X		X	X	X		X		X	X	X	X		X	$oxed{oxed}$	X
		E	artk	n an	d S	pad	ce S	cie	nce													
Energy in the Earth system		X	X	X	X	X	X	×	×	X	X		X				Π				П	П
Geochemical cycles		X	X	X	_	•	X	_	X	X	_		•	•	X		X	X	X	X	X	X
Origin and evolution of the Earth system			X																	•	<u> </u>	<u> </u>
Origin and evolution of the universe			•																			
																					_	_
			F	hys	sica	I Sc	ien	ce						1								
Structure of atoms																					\vdash	\vdash
Structure and properties of matter																					<u> </u>	<u> </u>
Chemical reactions																					<u> </u>	<u> </u>
Motions and forces																					<u> </u>	<u> </u>
Conservation of energy and increase in disorder																					<u> </u>	\vdash
Interactions of energy and matter																						
		S	ciei	ıce	and	l Te	chr	nolo	av													
Abilities of technological design		X	X	X			•		•	•												X
Understandings about science and technology			X	X						X	×		X	X	×		X	×		X	X	X
					_		_														_	_
Scien		In F		on	_		500	iai	Per	spe	CTIV	ves 		~		1					$\overline{}$	$\overline{}$
Personal and community health	X		X		X	X								X							-	-
Population growth														-			X	X		X	X	X
Natural resources	X	X	X		X	X	X	X	X	X		×	X	X	X	X	X	X	X	X	X	X
Environmental quality	X		X	_	X	X				X			X	V	v	×	X	v	v	~	-	-
Natural and human-induced hazards	X		X	X	X	X				X			X	X	X	X	X	X	X	X	X	X
Science and technology in local, national, and global challenges	×	×	X	X	×	×				×				X	×	×	×	×	×	×	X	X
	Н	liste	ory	and	d Na	atu	re o	of So	cien	ice												
Science as a human endeavor	X	X	X	X		X		X	X	•	•	•		X	X	X	X	•	•	X	X	X
Nature of scientific knowledge	•	X	X	X		•	•						X	•	X	•						
Historical perspectives	•		X			X			X					X	X		X	X	X	X	X	