

Concepts from the NV Standards for *Why is it So Hot in Las Vegas?*

<b>Benchmark</b>	<b>Big and Sub Questions</b>	<b>Institute Activities</b>	<b>Map Concepts</b>
E.12.A.1	Sun's Energy	Sun's Energy	Sun's Energy
E.8.A.6, E.12.A.2, E.12.A.3, E.12.A.4, E.12.A.5	Weather	Weather	Weather Earth System Greenhouse effect
P.12.A.1	Properties of Matter	Properties of Matter	Matter
P.8.C.1, P.8.C.3, P.8.C.4, P.8.C.5, P.12.C.2, P.12.C.5	Forms and Uses of Energy	Forms and Uses of Energy	Visible light Energy Change Conduction Convection Radiation Heat Temperature
N.12.A.1	Using Data	Using Data	Using Data
L.8.C.3, L.12.C.1, L.12.C.3, L.12.C.4	Ecosystems	Ecosystems	Ecosystem
E.8.C.5, E.12.C.3	Earth's Composition and Resources	Earth's Composition and Resources	Earth's composition Earth's resources Topography Geochemical Cycle
N.12.A.2	Record-Keeping	Record Keeping	Record Keeping
N.12.A.3	Accuracy	Accuracy	Accuracy Repeated Experiments Unbiased Opinion
N.12.A.4	Safe Experimentation	Safe Experimentation	Safe Experimentation
N.12.B.1	Risks & Benefits	Risks & Benefits	Science Technology Society Influence
N.12.B.2, N.12.B.3	Ethical Behavior	Ethical Behavior	Ethical Behavior
N.12.A.5	Models		Models
N.12.B.4	Collaboration		Collaboration
E.8.B.7	Celestial Motion		Celestial Motion
P.12.C.6	Electricity		Electricity Consumption Production
E.12.C.2	Plate Tectonics		Plate tectonics
L.12.C.1	Cycles		Organisms Environment
P.12.C.1		Waves	

L.12.B.1		Cells	
P.12.A.4, P.12.A.6, P.12.A.7		Mixtures & Compounds	