

Recommended Units for the California Integrated Model

8th Grade

UNIT 1: Objects Move and Collide

Mosa Mack Units



Force & Motion



Potential & Kinetic Energy

UNIT 2: Noncontact Forces Influence Phenomena

Mosa Mack Units



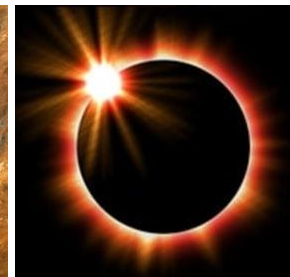
Waves



Electricity & Magnetism



Scale in the Solar System



Sun-Earth System & Solar System Gravity

UNIT 3: Evolution Explains Life's Unity and Diversity

Mosa Mack Units



Mutations



Selection & Adaptations



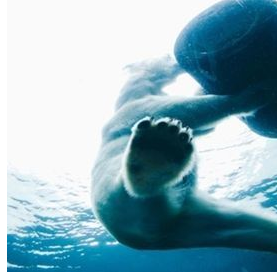
Genetics vs. Environment



Evidence of Evolution

UNIT 4: Sustaining Local and Global Biodiversity

Mosa Mack Units

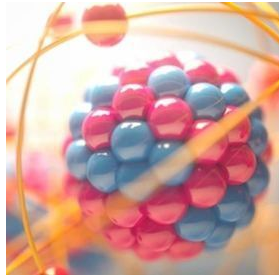


Climate Change &
Ecological Footprint

7th Grade

UNIT 1: Organisms and Nonliving Things Are Made of Atoms

Mosa Mack Units



Atoms & Molecules



States of Matter



Chemical & Physical Changes

UNIT 2: Matter Cycles and Energy Flows through Organisms and Rocks

Mosa Mack Units



Photosynthesis



Rock Cycle & Earth's History

UNIT 3: Natural Processes and Human Activities Shape Earth's Resources and Ecosystems

Mosa Mack Units



Renewable Resources



Plate Tectonics



Earthquakes & Volcanoes

UNIT 4: Sustaining Biodiversity and Ecosystems Service in a Changing World

Mosa Mack Units

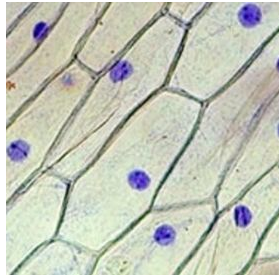


Biodiversity

6th Grade

UNIT 1: Systems and Subsystems in Earth and Life Science

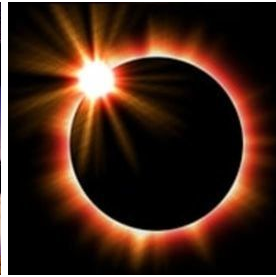
Mosa Mack Units



Cells



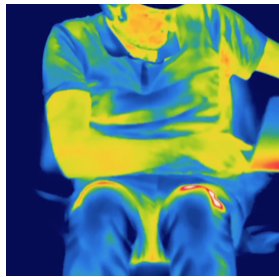
Interactions of Body Systems



Sun-Earth System & Solar System Gravity

UNIT 2: Earth System Interactions Cause Weather

Mosa Mack Units



Thermal Energy



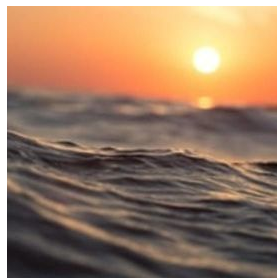
Water Cycle



Weather

UNIT 3: Causes and Effects of Regional Climates

Mosa Mack Units



Oceans & Climate

UNIT 4: Effects of Global Warming on Living Systems

Mosa Mack Units



Climate Change & Ecological Footprint