

## Museum Exhibit NGSS Connections

GALLERY	NGSS Standards	Disciplinary Core Ideas
HALL OF WONDER (traveling exhibit) - Life in One Cubic Foot	K-LS1-1; K-ESS2-2; K- ESS3-1 2-LS4-1 3-LS4-3 5-LS2-1 6-LS1-5 7-LS2-5; 7-LS2-1	LS1.C: Organization for Matter and Energy Flow in Organisms ESS3.A: Natural Resources LS4.D: Biodiversity and Humans LS4.C: Adaptation LS2.A: Interdependent Relationships in Ecosystems LS2.C: Ecosystem Dynamics, Functioning, and Resilience LS4.D: Biodiversity and Humans LS2.C: Ecosystem Dynamics, Functioning, and Resilience
MOTION GALLERY (upper level)	K-PS2-1; K-PS2-2 3-PS2-1; 3-PS2-2; 3- PS2-3 4-PS3-1; 4-PS3-2 5-PS2-1	PS2.A: Forces and Motion PS2.B: Types of Interactions PS3.C: Relationship Between Energy and Forces ETS1.A: Defining Engineering Problems PS3.A: Definitions of Energy PS3.B: Conservation of Energy and Energy Transfer PS3.C: Relationship Between Energy and Forces PS2.B: Types of Interactions
ARKANSAS GALLERY (middle level)	4-ESS1-1; 4-ESS2-1; 4- ESS2-2	ESS1.C: The History of Planet Earth ESS2.A: Earth Materials and Systems ESS2.B: Plate Tectonics and Large-Scale System Interactions ESS2.E: Biogeology
WORKSHOPS GALLERY (lower level)	1-PS4-1 2-PS1-1; 2-PS1-3 4-LS1-2; 4-PS4-1; 4-PS3- 2; 4-PS3-4 5-PS2-1  6-PS3-3; 6- PS3-4	PS4.A: Wave Properties PS1.A: Structure and Properties of Matter LS1.D: Information Processing PS4.A: Wave Properties PS3.B: Conservation of Energy and Energy Transfer PS2.B: Types of Interactions PS3.A: Definitions of Energy PS3.B: Conservation of Energy and Energy Transfer
SKYWALK/DINOTREK (outside)	K-LS1-1 2-ESS1-1; 2-ESS2-1 5-ESS2-1	ESS1.C: The History of Planet Earth ESS2.A: Earth Materials and Systems ESS2.C: The Roles of Water in Earth's Surface Processes LS1.C: Organization for Matter and Energy Flow in Organisms ESS2.E: Biogeology ESS3.A: Natural Resources ESS2.A: Earth Materials and Systems ESS2.C: The Roles of Water in Earth's Surface Processes ESS3.C: Human Impacts on Earth Systems
Tinkering Studio	K-PS2-1; K-PS2-2	PS2.A: Forces and Motion PS2.B: Types of Interactions PS3.C: Relationship Between Energy and Forces ETS1.A: Defining Engineering Problems