

PHYSICAL SCIENCES

GRADE	NGSS	STEMSCOPES LESSON	SUBJECT AREA	MATERIAL TYPE	PHYSICAL MATERIALS
K	K-PS3-1 K-PS3-2 K-2-ETS1-1	Energy from the Sun	Optics/Light	Equipment	prisms, colored glass, mirrors, spectrometers, colored light bulbs
	K-PS2-1 K-PS2-2	Pushes and Pulls	Forces	Equipment	toy cars, tracks, loop track w/marbles, slinkies, levers, blocks, pulleys, weights, bike wheel w/turn platform,
	K-PS2-1 K-PS2-2 K-2-ETS1-2	Speed & Direction	Forces	Equipment	toy cars, tracks, loop track w/marbles, slinkies, levers, blocks, pulleys, weights, bike wheel w/turn platform

EARTH & SPACE SCIENCES

GRADE	NGSS	STEMSCOPES LESSON	SUBJECT AREA	MATERIAL TYPE	EARTH & SPACE MATERIALS
K	K-ESS2-1	Weather Conditions	Meteorology & Climate Ch	Equipment	wind meters w/compasses, kilowatt meters, thermometers, ph meters

LIFE SCIENCES

GRADE	NGSS	STEMSCOPES LESSON	SUBJECT AREA	MATERIAL TYPE	LIFE SCIENCE MATERIALS
K	K-LS1-1	Animal Needs	Human Biology	Models	hearts, torso, ears, eyes, lungs, head & neck, tongue, teeth, mouth, brains, muscle types, reproductive organs
	K-LS1-1	Plant Needs	Botany	Specimens	grass, leaf & flower specimens, blue and white lupine, spanish moss plant specimen
	K-LS1-1	Plant Needs	Botany	Kit	Marine algae kit
	K-LS1-1	Plant Needs	Botany	Picture Files	How Plants Grow, various flower and plants