

LEAP (Life Science Standards)

MS-LS1-1

I can provide evidence that living things are made of cells.

MS-LS1-3

I can show evidence that the body is made of organs, tissues and cells.

MS-LS1-5

I can explain environmental and genetic factors influence an organism's growth.

MS-LS2-2, MS-LS2-3

I can explain how energy flows through living and nonliving parts of an ecosystem, and how organisms interact in competitive, predatory, and mutually beneficial ways.

EARTH (Earth Science Standards)

LEAP

MS-ESS2-4

I can show how the water cycle is driven by the sun and gravity.

MS-ESS2-1

I can show how weathering, melting, sedimentation and crystallization lead to new earth materials.

MS-ESS3-1

I can explain why metal ores, petroleum and minerals are where they are in Earth's crust.

PHYSICAL (Physical Science Standards)

LEAP

MS-PS3-5

I can explain transfer of kinetic energy.

MS-PS3-3

I can design ways to maximize or minimize thermal energy transfer.

MS-PS1-4

I can use models to explain how heat causes changes in particle motion.

MS-PS4-1

I can represent how amplitude is affected by the energy of a wave.

MS-PS4-2

I can use models to show how waves are reflected, absorbed and transmitted.

MS-PS4-3

I can use evidence to describe how waves can be used for communication purposes.