ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-PS1-2

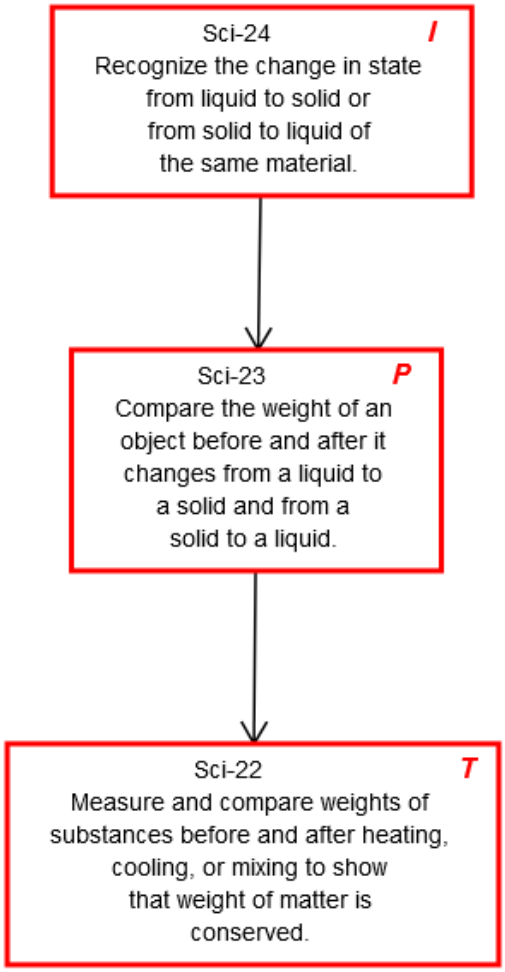
State Standard for General Education	DLM Essential Element	Linkage Levels
5-PS1-2 Measure & graph quantities to provide evidence that, regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved	**EE.5-PS1-2** Measure and compare weights of substances before and after heating, cooling, or mixing substances to show that weight of matter is conserved	**Initial:** • Recognize the change in state from liquid to solid or from solid to liquid of the same material **Precursor:** • Compare the weight of an object before and after it changes from a liquid to a solid and from a solid to a liquid **Target:** • Measure and compare weights of substances before and after heating, cooling, or mixing substances to show that weight of matter is conserved

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-PS1-2 Measure and compare weights of substances before and after heating, cooling, or mixing substances to show that weight of matter is conserved.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-PS1-3

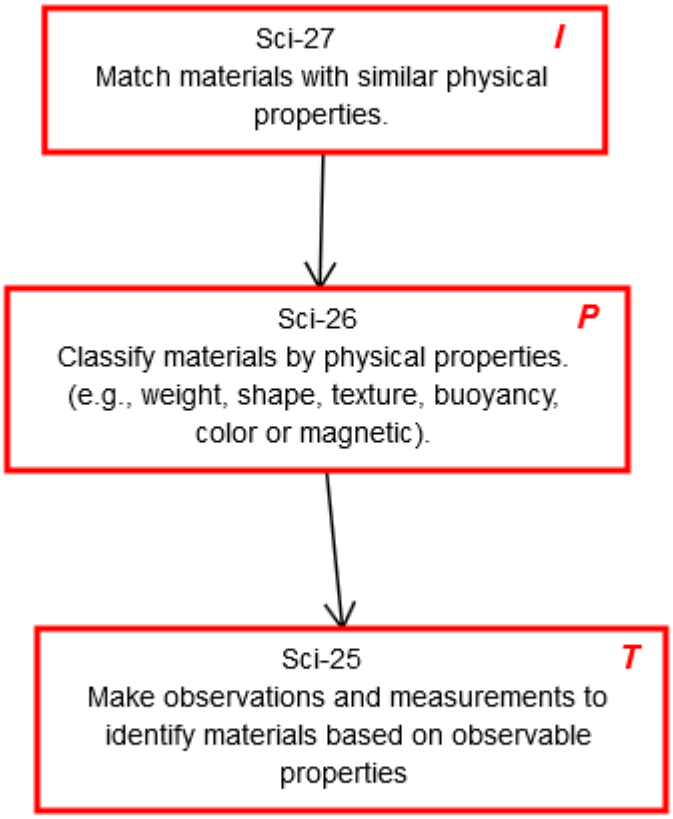
State Standard for General Education	DLM Essential Element	Linkage Levels
5-PS1-3 Make observations and measurement to identify materials based on their properties	**EE.5-PS1-3** Make observations and measurements to identify materials based on their properties (e.g., weight, shape, texture, buoyancy, color, or magnetism)	**Initial:** • Match materials with similar physical properties **Precursor:** • Classify materials by physical properties. (e.g., weight, shape, texture, buoyancy, color, or magnetism) **Target:** • Make observations and measurements to identify materials based on their properties (e.g., weight, shape, texture, buoyancy, color, or magnetism)

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-PS1-3 Make observations and measurements to identify materials based on their properties (e.g., weight, shape, texture, buoyancy, color, or magnetism).



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-PS2-1

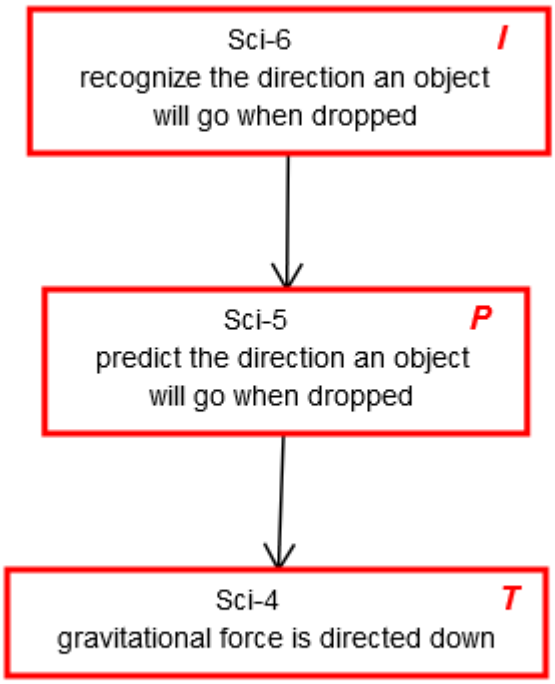
State Standard for General Education	DLM Essential Element	Linkage Levels
5-PS2-1 Support an argument that the gravitational force exerted by Earth on objects is directed down	**EE.5-PS2-1** Demonstrate that the gravitational force exerted by Earth on objects is directed down	**Initial:** • Recognize the direction an object will go when dropped **Precursor:** • Predict the direction an object will go when dropped **Target:** • Demonstrate that the gravitational force exerted by Earth on objects is directed down

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-PS2-1 Demonstrate that the gravitational force exerted by Earth on objects is directed down.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-PS3-1

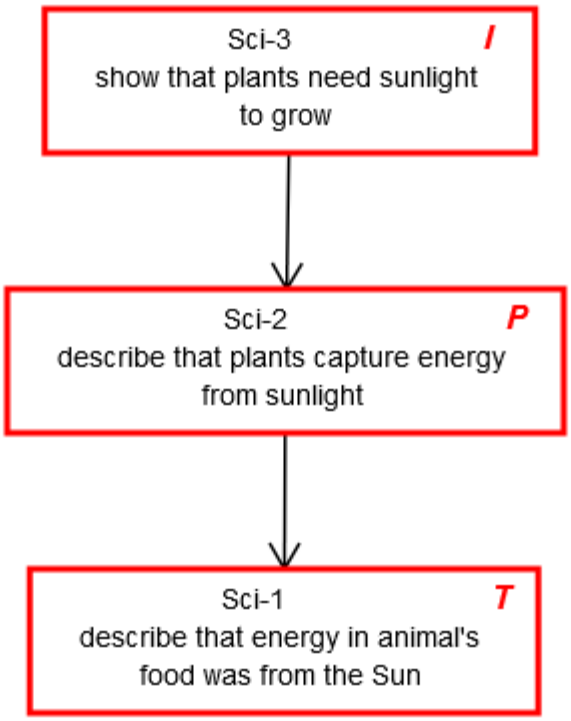
State Standard for General Education	DLM Essential Element	Linkage Levels
5-PS3-1 Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the Sun	**EE.5-PS3-1** Create a model to describe that energy in animals' food was once energy from the Sun	**Initial:** • Identify simple models that show that plants need sunlight to grow **Precursor:** • Use models to describe that plants capture energy from sunlight **Target:** • Create a model to describe that energy in animals' food was once energy from the Sun

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-PS3-1 Create a model to describe that energy in animals' food was once energy from the Sun.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-LS1-1

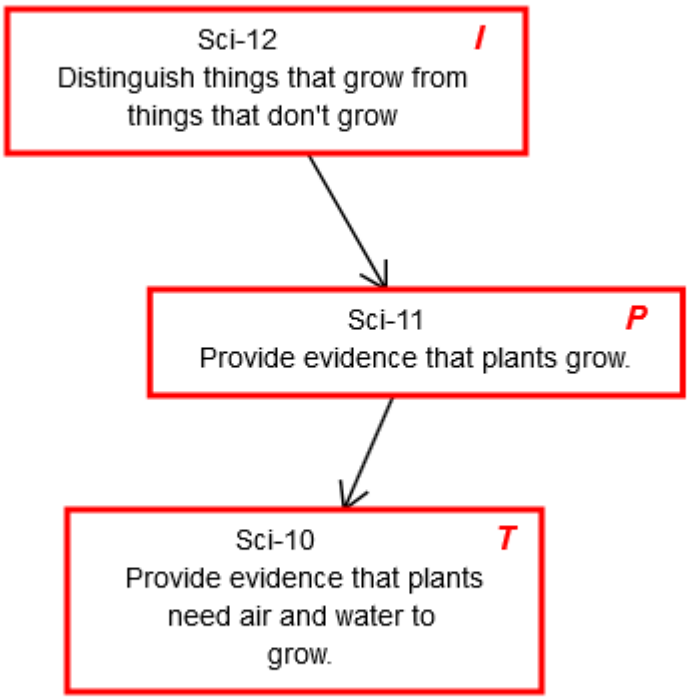
State Standard for General Education	DLM Essential Element	Linkage Levels
5-LS1-1 Support an argument that plants get the materials they need for growth chiefly from air and water	**EE.5-LS1-1** Provide evidence that plants need air and water to grow	**Initial:** • Distinguish things that grow from things that don't grow **Precursor:** • Provide evidence that plants grow **Target:** • Provide evidence that plants need air and water to grow

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-LS1-1 Provide evidence that plants need air and water to grow.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-LS2-1

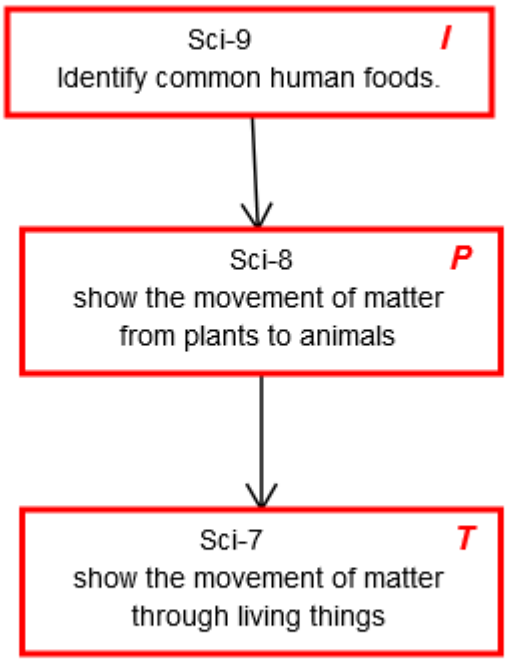
State Standard for General Education	DLM Essential Element	Linkage Levels
5-LS2-1 Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment	**EE.5-LS2-1** Create a model that shows the movement of matter (e.g., plant growth, eating, composting) through living things	**Initial:** • Identify common human foods **Precursor:** • Identify a model that shows the movement of matter from plants to animals (e.g. food chain/food web) **Target:** • Create a model that shows the movement of matter (e.g., plant growth, eating, composting) through living things

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-LS2-1 Create a model that shows the movement of matter (e.g., plant growth, eating, composting) through living things.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-ESS1-2

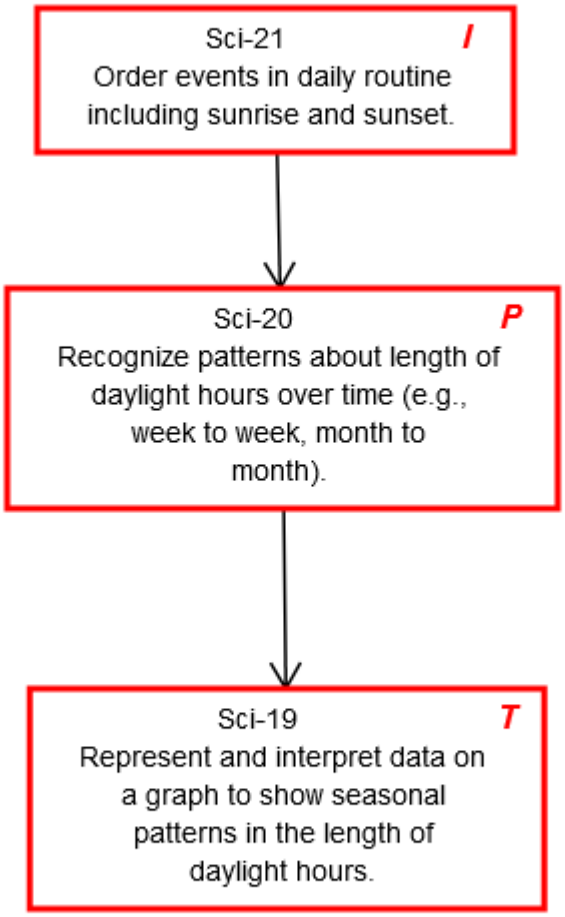
State Standard for General Education	DLM Essential Element	Linkage Levels
5-ESS1-2 Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky	**EE.5-ESS1-2** Represent and interpret data on a picture, line, or bar graph to show seasonal patterns in the length of daylight hours	**Initial:** • Order events in daily routine including sunrise and sunset **Precursor:** • Recognize patterns about length of daylight hours over time (e.g., week to week, month to month) **Target:** • Represent and interpret data on a picture, line, or bar graph to show seasonal patterns in the length of daylight hours

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-ESS1-2 – Represent and interpret data on a picture, line, or bar graph to show seasonal patterns in the length of daylight hours.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-ESS2-1

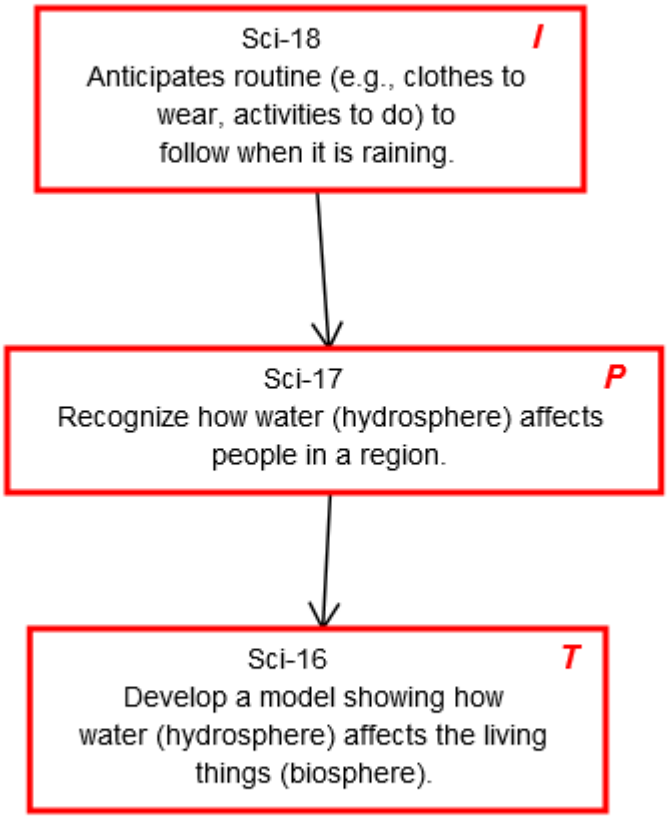
State Standard for General Education	DLM Essential Element	Linkage Levels
5-ESS2-1 Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact	**EE.5-ESS2-1** Develop a model showing how water (hydrosphere) affects the living things (biosphere) found in a region	**Initial:** • Anticipates routine (e.g., clothes to wear, activities to do) to follow when it is raining **Precursor:** • Recognize how water (hydrosphere) affects people in a region (e.g., floods, droughts, mudslide, tourism, and recreation) **Target:** • Develop a model showing how water (hydrosphere) affects the living things (biosphere) found in a region

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-ESS2-1 Develop a model showing how water (hydrosphere) affects the living things (biosphere) found in a region.



ESSENTIAL ELEMENT, LINKAGE LEVELS, AND MINI-MAP
SCIENCE: ELEMENTARY
SCI.EE.5-ESS3-1

State Standard for General Education	DLM Essential Element	Linkage Levels
5-ESS3-1 Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment	**EE.5-ESS3-1** Use information to describe how people can help protect the Earth's resources and how that affects the environment	**Initial:** • Identify one way to protect a resource of Earth (e.g., put paper in the recycling bin) **Precursor:** • Compare two methods people can use to help protect the Earth's resources **Target:** • Use information to describe how people can help protect the Earth's resources and how that affects the environment

A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

I Initial
P Precursor
T Target

SCI.EE.5-ESS3-1 – Use information to describe how people can help protect the Earth's resources and how that affects the environment.