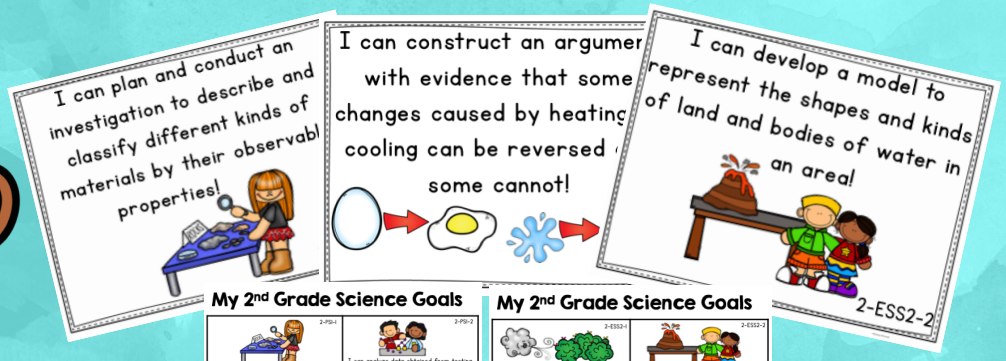
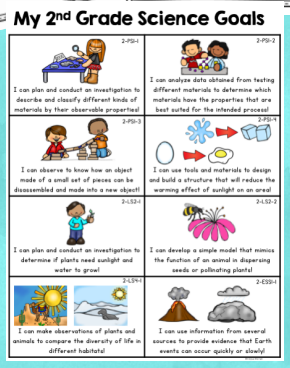
NEXT GENERATION Science STANDARDS

Visual Reference

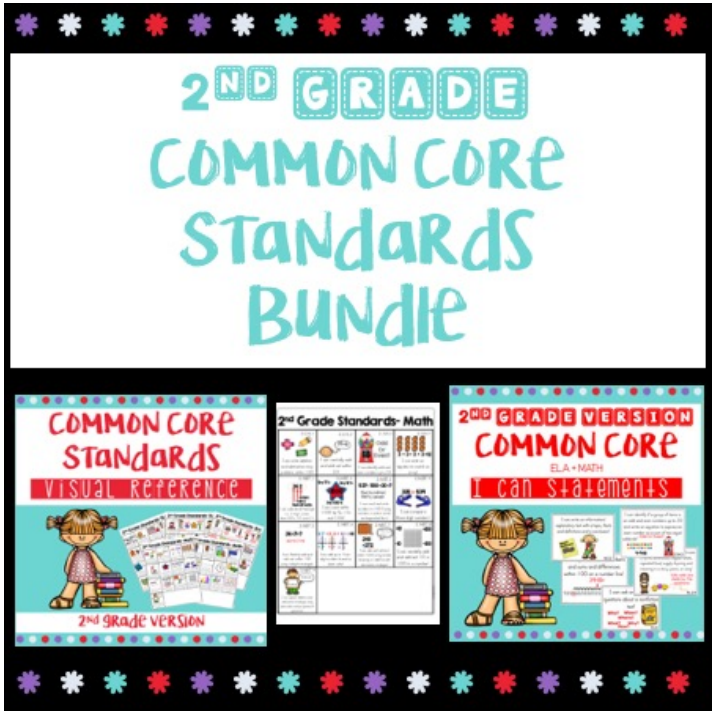




2nd Grade Version

These cards can be used as a visual resource for students when learning each of the standards. They each include an I can statement and in the small corner are coded with the common core standard.

I also included student or teacher reference sheets with coding and without.
You may also be interested in

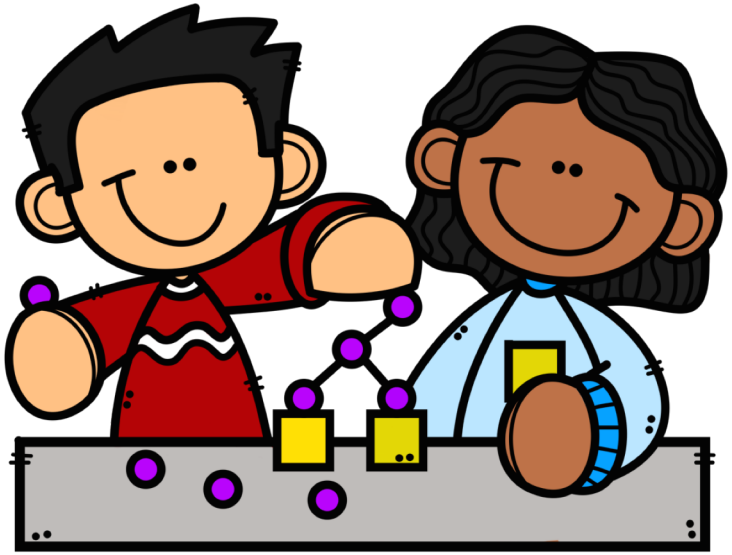


I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties!

2-PSI-1

Melissa Moran

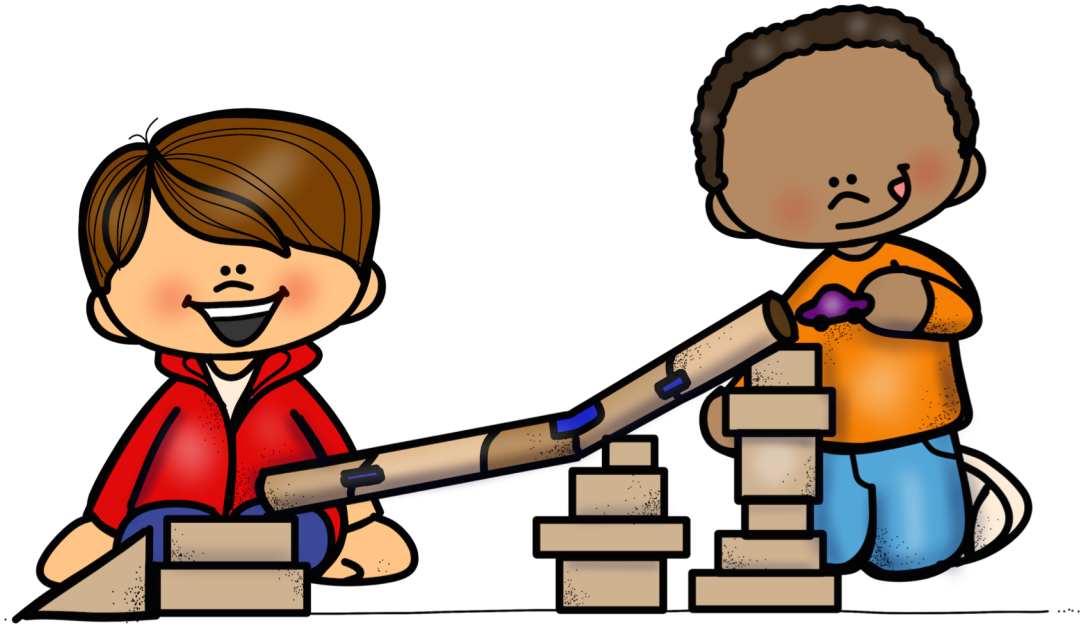
I can analyze data obtained from testing different materials to determine which materials have the properties that are best suited for the intended process!



2-PSI-2

Melissa Moran

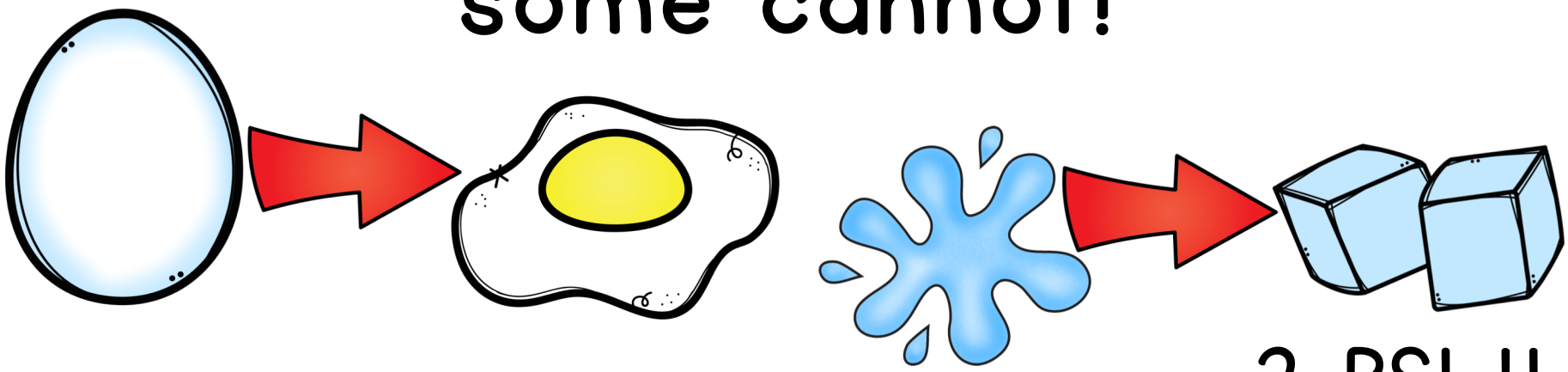
I can observe to know how an object made of a small set of pieces can be disassembled and made into a new object!



2-PSI-3

Melissa Moran

I can construct an argument with evidence that some changes caused by heating or cooling can be reversed and some cannot!



2-PSI-4

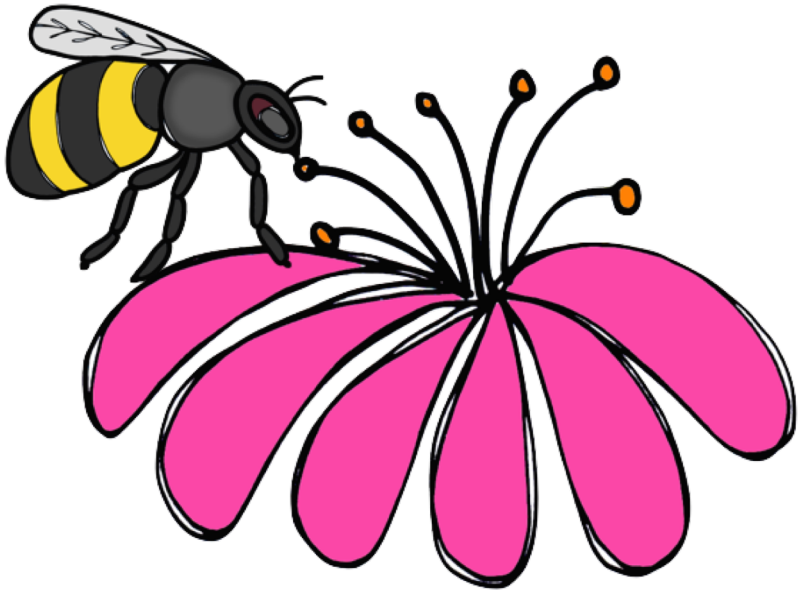
Melissa Moran

I can plan and conduct an investigation to determine if plants need sunlight and water to grow!

2-LS2-1

Melissa Moran

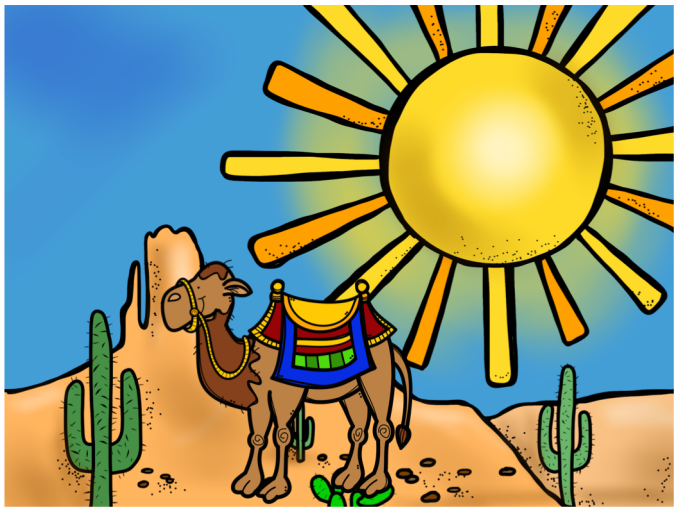
I can develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants!

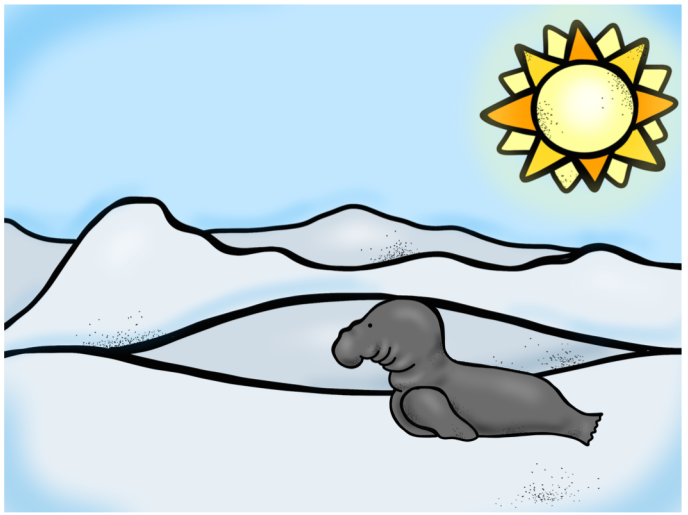


2-LS2-2

Melissa Moran

I can make observations of plants and animals to compare the diversity of life in different habitats!





2-LS4-1

Melissa Moran

I can use information from several sources to provide evidence that Earth events can occur quickly or slowly!

2-ESS1-1

Melissa Moran

I can compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land!

2-ESS2-1

Melissa Moran

I can develop a model to represent the shapes and kinds of land and bodies of water in an area!

2-ESS2-2

Melissa Moran

I can obtain information to identify where water is found on Earth and that it can be solid or liquid!

2-ESS2-3

Melissa Moran

I can ask questions, make observations, and gather information about something people want to change to define a simple problem that can be solved through a new or improved object or tool!

2-ETSI-1

Melissa Moran

I can develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function to solve a given problem!

2-ETSI-2

Melissa Moran

I can analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs!

2-ETSI-3

Melissa Moran

My 2nd Grade Science Goals

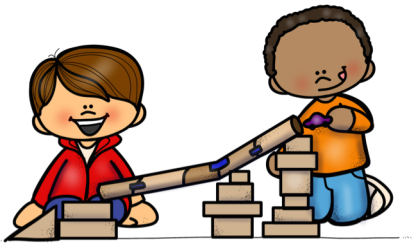
2-PSI-1

I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties!

2-PSI-2

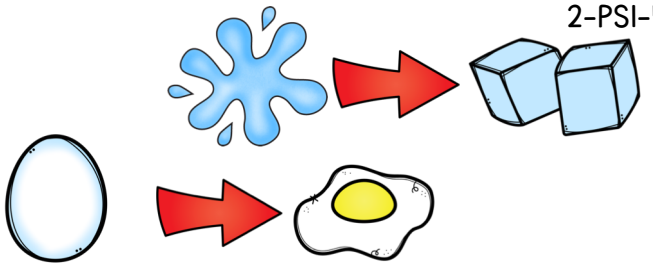
I can analyze data obtained from testing different materials to determine which materials have the properties that are best suited for the intended process!

2-PSI-3



I can observe to know how an object made of a small set of pieces can be disassembled and made into a new object!

2-PSI-4



I can use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area!

2-LS2-1

I can plan and conduct an investigation to determine if plants need sunlight and water to grow!

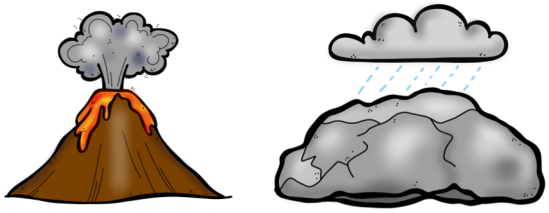
2-LS2-2

I can develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants!

2-LS4-1

I can make observations of plants and animals to compare the diversity of life in different habitats!

2-ESSI-1



I can use information from several sources to provide evidence that Earth events can occur quickly or slowly!

Melissa Moran

My 2nd Grade Science Goals

2-ESS2-1

I can compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land!

2-ESS2-2

I can develop a model to represent the shapes and kinds of land and bodies of water in an area!

2-ESS2-3

I can obtain information to identify where water is found on Earth and that it can be solid or liquid!

2-ETSI-1

I can ask questions, make observations, and gather information about something people want to change to define a simple problem that can be solved through a new or improved object or tool!

2-ETSI-2

I can develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function to solve a given problem!

2-ETSI-3

I can analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs!

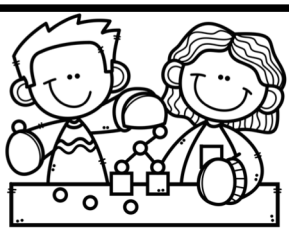
Melissa Moran

My 2nd Grade Science Goals

2-PSI-1

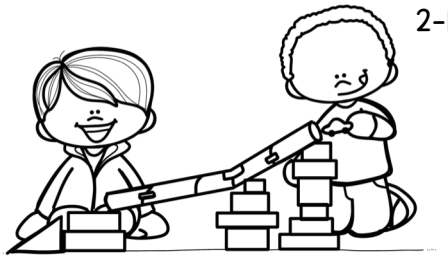
I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties!

2-PSI-2



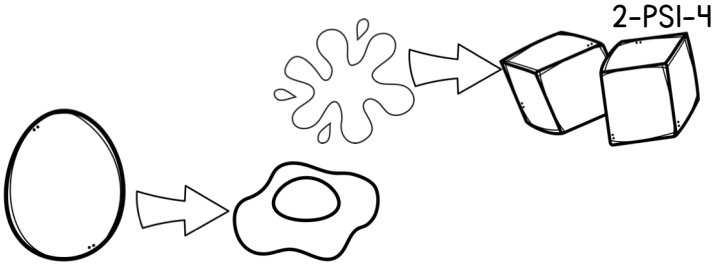
I can analyze data obtained from testing different materials to determine which materials have the properties that are best suited for the intended process!

2-PSI-3



I can observe to know how an object made of a small set of pieces can be disassembled and made into a new object!

2-PSI-4



I can use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area!

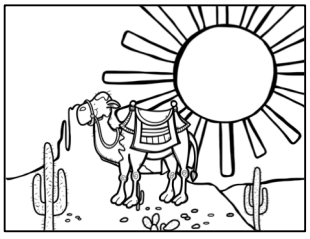
2-LS2-1

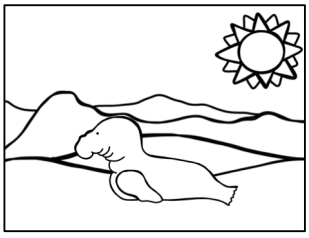
I can plan and conduct an investigation to determine if plants need sunlight and water to grow!

2-LS2-2

I can develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants!

2-LS4-1





I can make observations of plants and animals to compare the diversity of life in different habitats!

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I can use information from several sources to provide evidence that Earth events can occur quickly or slowly!

Melissa Moran

My 2nd Grade Science Goals

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2-ESS2-2

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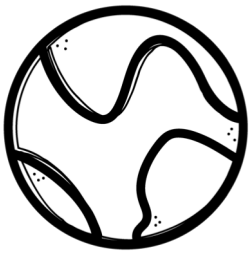

I can obtain information to identify where water is found on Earth and that it can be solid or liquid!

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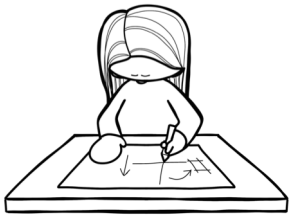
2-ETSI-2



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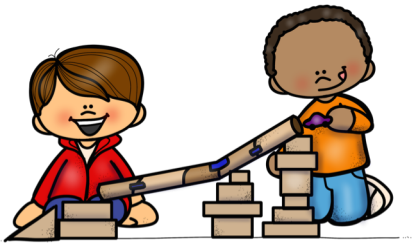

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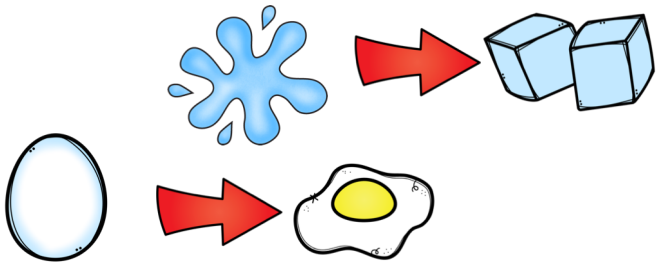

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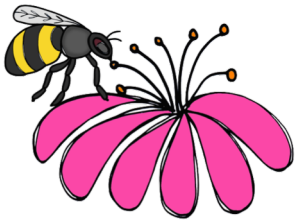

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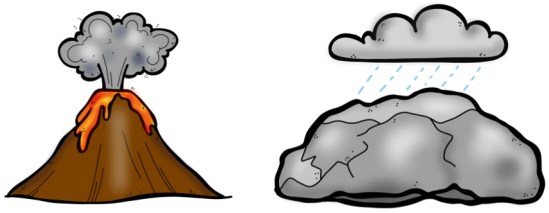

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Melissa Moran

My 2nd Grade Science Goals

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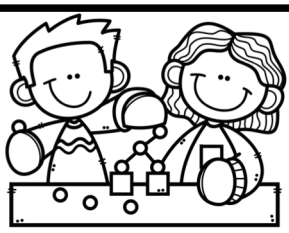

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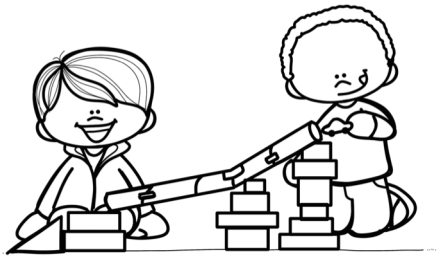

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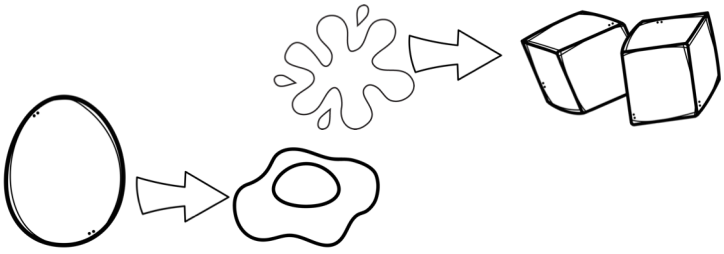

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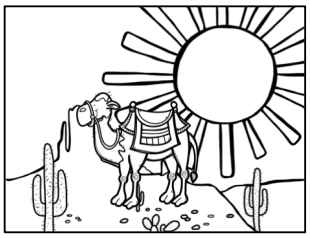

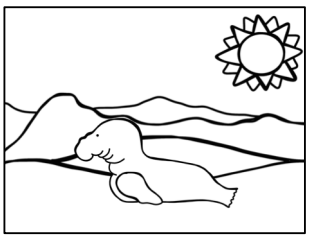

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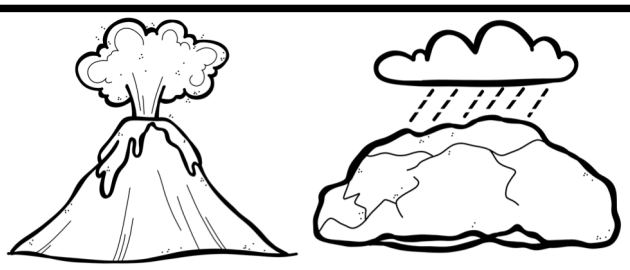

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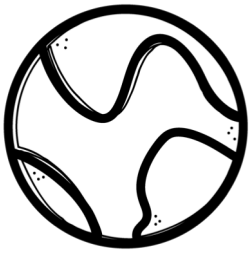

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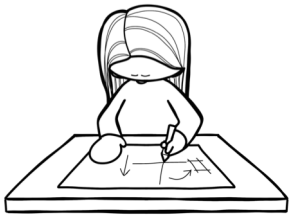

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Melissa Moran

Thank You:

Thank you for your purchase. I hope that you and your students enjoy it! I appreciate your feedback and if you have any questions, comments or suggestions, I would love to hear from you at moran.melissa@gmail.com Please consider leaving feedback and becoming follower to be notified of new products. All new products are 50% off for the first 48 hours.

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