



2nd Grade Science 3rd Six Weeks IPC Layout

<p>Please contact Melodie.fields@fwsd.org if you have any questions.</p>	 									
<p>Standards to be Covered in this Unit</p>	<p>Unit 04: Investigating Earth Materials and Natural Resources (21 days for the entire unit)</p> <p><u>2.1A, 2.1B, 2.2A, 2.2B, 2.2C, 2.2D, 2.2E, 2.2F, 2.3A, 2.3C, 2.4A, 2.4B, 2.7A, 2.7B, 2.7C</u></p> <p>DOL's attached below:</p> <p>Please create exemplars that reflect your instructional practices for each week.</p>									
<p>WEEK 1</p>	<p>MON</p>	<p>11/6/2023</p>	<p>TUES</p>	<p>11/7/2023</p>	<p>WED</p>	<p>11/8/2023</p>	<p>THURS</p>	<p>11/9/2023</p>	<p>FRI</p>	<p>11/10/2023</p>
<p>Student Expectation (SE)</p>	<p>2.7A Observe, describe, and compare rocks by size, texture, and color.</p>		<p>2.7A Observe, describe, and compare rocks by size, texture, and color.</p>		<p>2.7A Observe, describe, and compare rocks by size, texture, and color.</p>		<p>FLEX DAY</p>		<p>Enrichment Planning</p>	
<p>Objective</p>	<p>TSW knows that the natural world includes earth materials by observing and describing boulder and cobble rocks by size (such as smaller or bigger than a baseball).</p>		<p>TSW knows that the natural world includes earth materials by describing and comparing rocks by texture (such as rough, smooth or bumpy).</p>		<p>TSW knows that the natural world includes earth materials by describing and comparing rocks by color (such as white, gray, black, speckled, etc.).</p>					
<p>Independent (DOL) Demonstration of Learning (You Do Alone)</p>	<p>Resources/DOL options for week's 1-2</p> <p>STEMSCOPES Rock- Picture Vocabulary STEMSCOPES- STEMscopedia Rocks (Student Workbook) Content Connections Rocks (Video) Content Connection- Rocks Video (Worksheet) Reading Science- Rock Collecting Post Assessment</p>									
<p>Success Criteria A student has achieved mastery when they know ... or are able to</p>	<p>Know that rocks are part of earth's materials</p> <p>Observe and describe rocks by sizes</p>		<p>Know that rocks are part of earth's materials</p> <p>Describe and compare texture of rocks</p>		<p>Know that rocks are part of earth's materials</p> <p>Describe and compare color of rocks</p>					
<p>WEEK 2</p>	<p>MON</p>	<p>11/13/2023</p>	<p>TUES</p>	<p>11/14/2023</p>	<p>WED</p>	<p>11/15/2023</p>	<p>THURS</p>	<p>11/16/2023</p>	<p>FRI</p>	<p>11/17/2023</p>

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Student Expectation (SE)	2.7A Observe, describe, and compare rocks by size, texture, and color.	2.7A Observe, describe, and compare rocks by size, texture, and color.	2.7A Observe, describe, and compare rocks by size, texture, and color.	2.7A Observe, describe, and compare rocks by size, texture, and color.	Enrichment Planning					
Objective	TSW knows that the natural world includes earth materials by observing and describing pebble and sand rocks by size (such as about the size of a pea and smaller than a marble).	TSW knows that the natural world includes earth materials by observing and describing pebble and sand rocks by size (such as about the size of a pea and smaller than a marble).	TSW knows that the natural world includes earth materials by describing and comparing pebble and sand rocks by color (such as texture of a grain of salt).	TSW knows that the natural world includes earth materials by describing and comparing pebble and sand rocks by color (such as texture of a grain of salt).						
Independent (DOL) <i>Demonstration of Learning</i> (You Do Alone)	<p style="color: red; font-weight: bold;">Resources/DOL options for week's 1-2</p> <p style="font-size: small;"> STEMSCOPES Rock- Picture Vocabulary STEMSCOPES- STEMscopedia Rocks (Student Workbook) Content Connections Rocks (Video) Content Connection- Rocks Video (Worksheet) Reading Science- Rock Collecting Post Assessment </p>									
Success Criteria A student has achieved mastery when they know ... or are able to	Know that rocks are part of earth's materials Observe and describe rocks by sizes	Know that rocks are part of earth's materials Observe and describe rocks by sizes	Know that rocks are part of earth's materials Describe and compare rocks by sizes	Know that rocks are part of earth's materials Describe and compare rocks by sizes						
WEEK	MON	11/20/2023	TUES	11/21/2023	WED	11/22/2023	THURS	11/23/2023	FRI	11/24/2023
Student Expectation (SE)	THANKSGIVING BREAK									
WEEK 3	MON	11/27/2023	TUES	11/28/2023	WED	11/29/2023	THURS	11/30/2023	FRI	12/1/2023
Student Expectation (SE)	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	Enrichment Planning					
Objective	TSW knows that the natural world includes earth materials by	TSW knows that the natural world includes earth materials by	TSW knows that the natural world includes earth materials by comparing the	TSW knows that the natural world by identifying and comparing the						

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	identifying the properties of natural sources of freshwater and saltwater.	comparing the properties of natural sources of saltwater and freshwater (such as aroma, taste and feel.	properties of natural sources of freshwater and saltwater such as sink and float.	properties of natural sources of freshwater and saltwater such as the ability to support life.	
Independent (DOL) <i>Demonstration of Learning</i> (You Do Alone)	Resources/DOL options for week's 3&4 STEMSCOPES Bodies of Water- Picture Vocabulary Science Rock- Rocks, Soil and Water (song) STEMSCOPES- STEMscopedia Bodies of Water Reading Science- Bodies of Water (student book) Content Connection- Water on Earth (video) Content Connection- Water on Earth (video Worksheet)				
Success Criteria A student has achieved mastery when they know ... or are able to	Identify freshwater and saltwater	Compare freshwater and saltwater by aroma, taste or feel.	Determine if freshwater and salt water cause floating or sinking.	Determine how freshwater and saltwater has the ability to support life.	
WEEK 4	MON 12/4/2023	TUES 12/5/2023	WED 12/6/2023	THURS 12/7/2023	FRI 12/8/2023
Student Expectation (SE)	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	2.7B Identify and compare the properties of natural sources of freshwater and saltwater.	Enrichment Planning
Objective	TSW knows that the natural world by identifying the properties of natural sources of freshwater such as rivers, lakes, etc.	TSW knows that the natural world by identifying the properties of natural sources of freshwater such as rivers, lakes, etc.	TSW knows the natural world by comparing the properties of natural sources of freshwaters such as rivers, lakes, etc.	TSW knows the natural world by comparing the properties of natural sources of freshwaters such as rivers, lakes, etc.	
Independent (DOL) <i>Demonstration of Learning</i> (You Do Alone)	Resources/DOL options for week's 3&4 STEMSCOPES Bodies of Water- Picture Vocabulary Science Rock- Rocks, Soil and Water (song) STEMSCOPES- STEMscopedia Bodies of Water Reading Science- Bodies of Water (student book) Content Connection- Water on Earth (video) Content Connection- Water on Earth (video Worksheet)				

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Success Criteria A student has achieved mastery when they know ... or are able to	Knows that the earth has natural sources Identify and compare natural resources	Knows that the earth has natural sources Identify and compare natural resources	Knows that the earth has natural sources Identify and compare natural resources	Knows that the earth has natural sources Identify and compare natural resources	
WEEK 5	MON 12/11/2023	TUES 12/12/2023	WED 12/13/2023	THURS 12/14/2023	FRI 12/15/2023
Student Expectation (SE)	2.7C Distinguish between natural and manmade resources.		2.7C Distinguish between natural and manmade resources.		FLEX DAY Enrichment Planning
Objective	TSW knows that the natural world includes earth materials by distinguishing natural resources such as sunlight, air and water.	TSW knows that the natural world includes earth materials by distinguishing natural resources such as rocks, soil, etc.	TSW knows that the natural world includes earth materials by distinguishing between manmade resources such as manufacturing goods.		
Independent (DOL) <i>Demonstration of Learning</i> (You Do Alone)	Resources/DOL options for week 5 STEMSCOPES- Resources- Picture Vocabulary STEMSCOPES-STEMscopes- Resources Science Rock-Natural Resources (Song) Content Connections- Use of Natural Resources-(Video) Content Connections-Uses of Natural Resources- (Video Resources)				
Success Criteria A student has achieved mastery when they know ... or are able to	Can distinguishing between natural and manmade resources	Can distinguishing between natural and manmade resources	Can distinguishing between natural and manmade resources		
WEEK 6	MON 12/18/2023	TUES 12/19/2023	WED 12/20/2023	THURS 12/21/2023	FRI 12/22/2023
Student Expectation (SE)	FLEX WEEK				Enrichment Planning

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Name _____

Date _____ Week 1

2.7A

Directions: Answer the following questions.

1. Students collected a group of rocks.



All of the rocks the students collected-

- a. has very sharp edges.
- b. are the same color.
- c. are different sizes.
- d. have the same textures.

2. Rocks can be described by their size. The rocks below are the size of

- a. smaller than a grain of salt
- b. larger than a pea
- c. larger than a baseball



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Name _____

Date _____ Week 1

2.7A

3. One property of a rock is its *texture*. The texture of a rock is determined by what materials the rock is made up of. What is texture?

- a. how hard something is
- b. how something feels
- c. how wet something is
- d. how much something weighs

4.

Rocks A



Rocks B



Look at the pictures of the rocks. Write one word that describes the texture of the rocks.

Rock **A** texture _____

Rock **B** texture _____

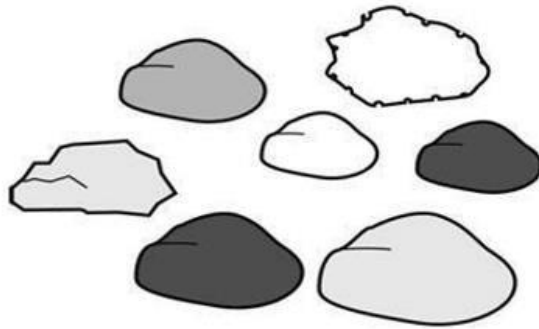
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Name _____

Date _____ Week 2

2.7A

1. A student collected a group of rocks. What are the different ways that the rocks can be classified or organized?



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Name _____

Date _____ Week 3&4

2.7B

Directions: Find the answers to the statements below.

1. Rain water is _____ because it has no salt.



a. salt water

b. cold water

c. freshwater

d. sweet water

3. Identify and describe saltwater and freshwater.

Saltwater	Freshwater
Example	Example
Describe or draw a picture.	Describe or draw a picture.

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Name _____

Date _____ Week 3&4

2.7B

Directions: Answer the questions below.



1. Look at the picture of waves at the beach. Is the water in the ocean fresh or salt water?

The water is _____.

2. Using the picture above, name one object that will float and one object that will sink in this body of water.

Sink _____

Float _____

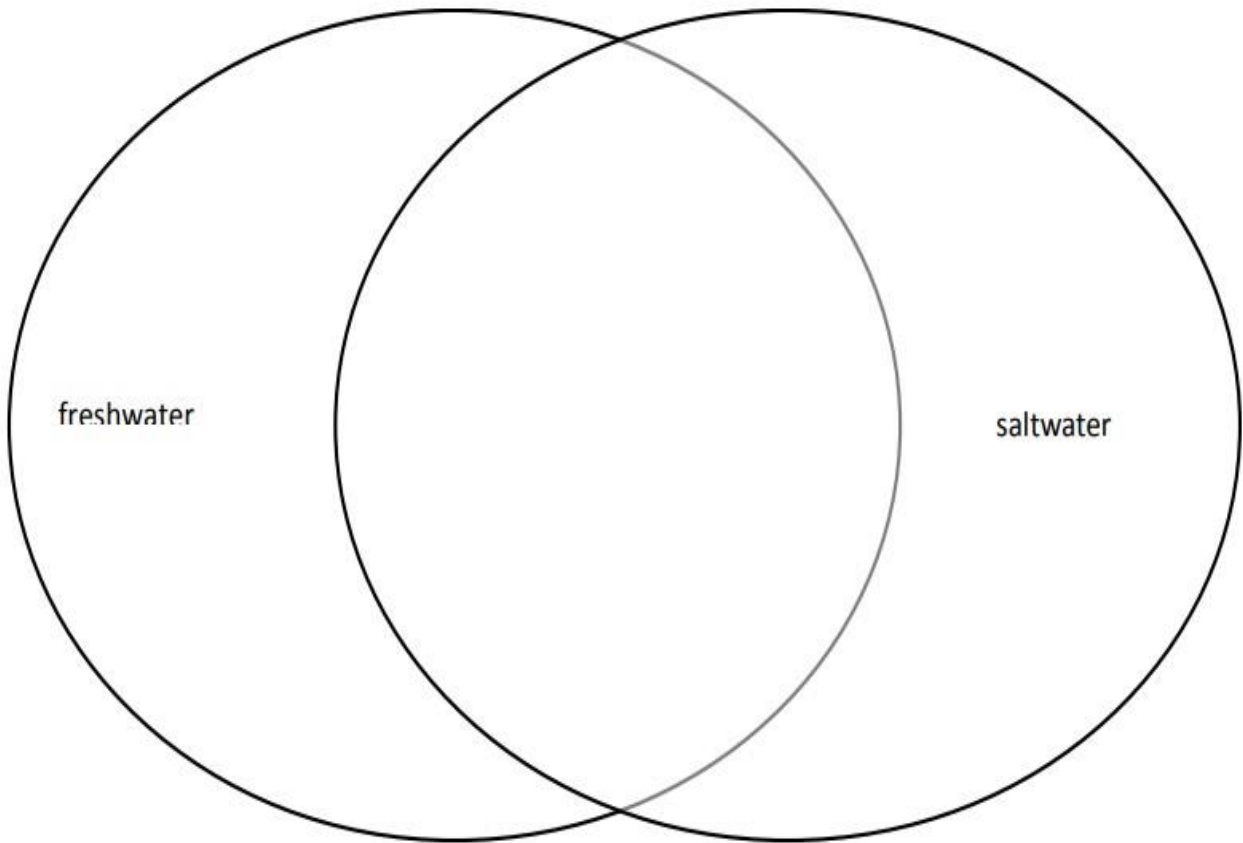
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Name _____

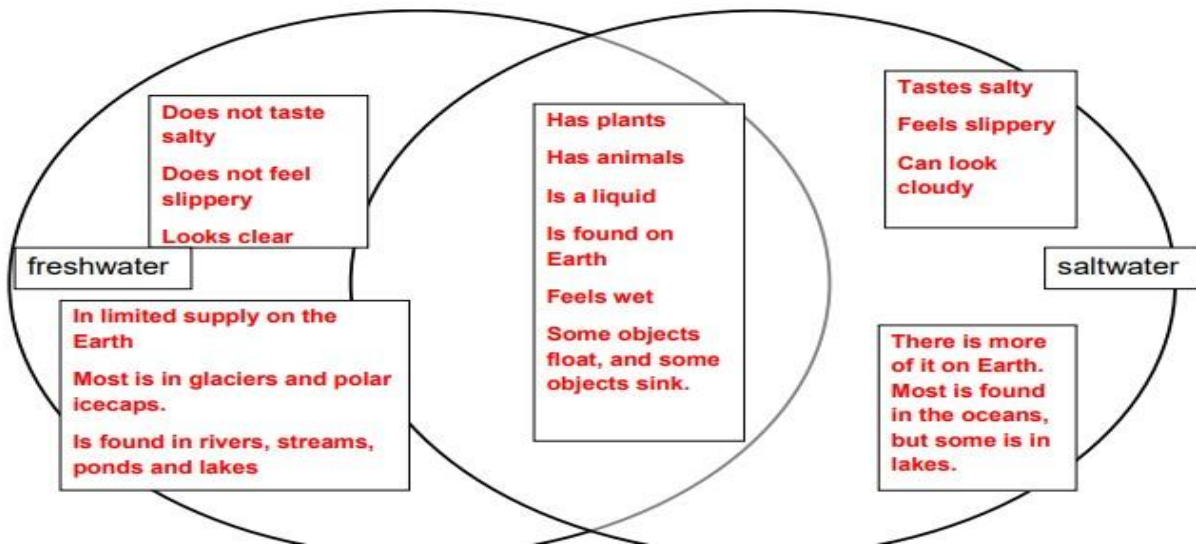
Date _____ Week 3&4

2.7B

Directions: Use the Venn Diagram to compare freshwater and saltwater.



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Name _____

Date _____ Week 5

2.7C

Directions: Answer the question below using a complete sentence.



Natural resource



Manmade resource

1. How are natural resources related to plants and animals?

2. How are manmade resources related to plants and animals?

3. People, plants, and animals breathe in or take in _____ which they all need to live.



a. air b. soil c. salt d. vitamins

4. Which of the following is NOT a natural resource?

a. clothing b. cotton c. water d. rock

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