SHELLEY MOORE



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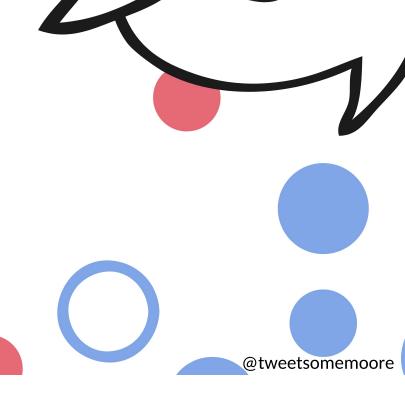
Virtual Participation Protocols

Chat Box

- Anytime! All the time!
- Respond to specific questions
- Wild Tea

Break Out Groups

• Popcorn conversations





- I will show you a prompt on the screen
- Type your response in the chat box <u>BUT DO NOT</u> press send
- I will do a 3-2-1 "Go" countdown
- Everyone will press send at the same time when I say "GO!"

Break Out Groups - Popcorn

- In break out groups, everyone is a kernel
- You will have 3 minutes to pop Everyone needs to pop!
- You pop by sharing a thought or a response, or asking a question to the group
- How can you support each other to make sure everyone pops in the time allowed?

Teaching (and Learning) to Goals, not activities

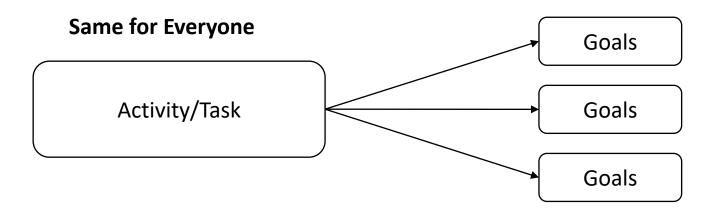


Backwards Design Big Ideas:

- Every curriculum has curricular goals
- We need to choose goals to teach & assess for every unit and lesson
- We organize goals around a big idea/question
- We need to translate those goals into student friendly language
- Students need to know the goals!
- Learning activities are EVIDENCE of learning
- We evaluate goals NOT activities
- Student choose their best examples of evidence (triangulation)

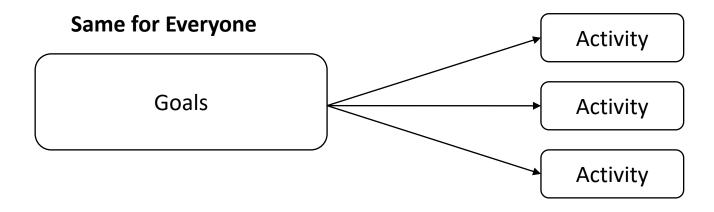
Forward Design

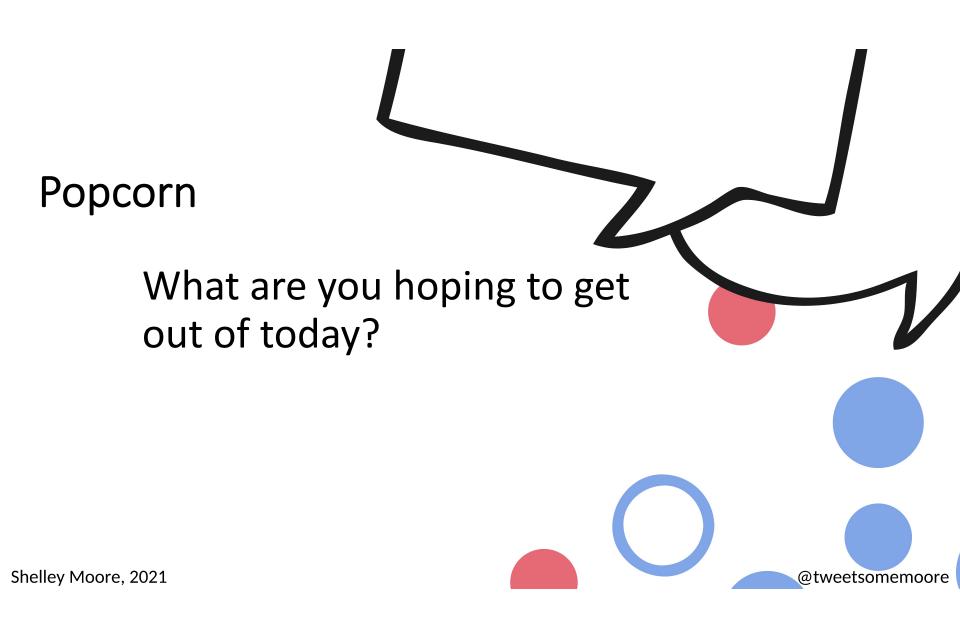
Differentiated



Backward Design

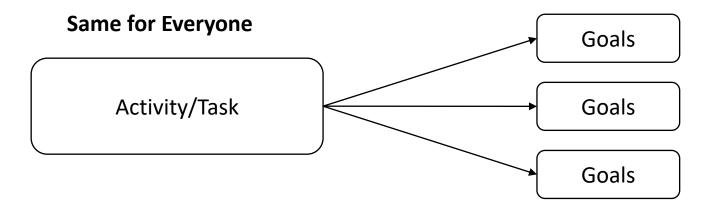
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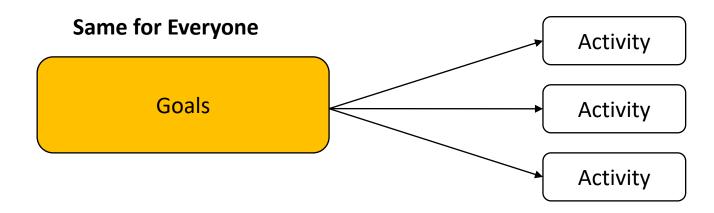
Forward Design

Differentiated



Backward Design

Differentiated



Backwards Design

What do we need to UNDERSTAND?

What do we need to KNOW?

What do we need to DO?

Who do we need to **BECOME?**

Backwards Design

What do we need to UNDERSTAND?

I understand ...

What do we need to KNOW?

I know...

What do we need to DO?

I can...

Who do we need to **BECOME?**

I can become...

Grade: 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)	
Our Guiding Unit Que	estion:	Kid Friendly:	
How does water impact living things in the environment?		What is water? Why is water important to living things?	
Learning Outcome:		Kid friendly goals:	
Students investigate characteristics of water and the importance of water to		I can investigate water	
living things in the environment.		I know that water is important to living things and the environment	
Numeracy: We can co	be cultural and global ollect data ommunicate our learni		

Literacy: We can use strategies to help us understand text

Important vocabulary to know and use:

Water	Citizens	Investigate
Environment	Strategies	Collect data
Living things	communicate	Text

Backwards Design – Designing the Airplane

Class: Gr. 6/7		Planning Team: Shackles, Locke & Moore	
	n: What does it mean to bin my life inside and outsid	e personally aware and responsible and how e of school?	
Key vocabulary:	goal, celebrate, effort, accomplishment, persevere, advocate, plan, initiative		
Goals			
Competency Goal	I can be personally aware and responsible by being self determined		
Competency Goal	I can be personally aware	and responsible by being self regulated	
Summative Tasks	(Self Evaluation)		
New format (3D model)	Create a 3D model that personally aware & re	at represents your understanding of being esponsible	
Choice Format (letter, comic boo conversation)		ersonally aware & responsible connects to and own life	

Learning Maps

- Adjustable curriculum
- More than one "standard" designed for the average
- Multiple exit points
- Multiple achievement measures
- Start from access, add on challenge
- Different from a rubric

Rubrics vs. Learning Maps

	deficit	deficit	Standard
goal			

THE SCRUMPTIOUS RUBRIC REFERENCE

BARELY HANGING ON



The customer wants a refund. Bread alone is not a sandwich. It's like you gave the bread and pop out just to show you were listening.

Translation: You only did the small stuff to suffice turning it in. The artwork is missing all important details and signs of understanding or perseverance.

NEEDS SOME UMPH



Your sandwich disappoints the customer. There's no flavor and not enough meat, if any at all. About the only thing great is the Citrus Drop.

Translation: You are missing important details within your artwork. Expectations are not met. Improvement is needed and lack of understanding is present.

GETS THE POINT



Your sandwich met expectations. It has flavor but nothing too exciting. You included the meat but gee, a side of chips would be nice.

Translation: Your artwork meets expectations, you went as far as the requirements expected and you used what knowledge you had to do so.

RIGHT ON!



Your sandwich went beyond expectations. You threw in some extra flavor and tomatoes and surprised the customer with a side of chips.

Translation: Your artwork exceeds all expectations; you used creativity, went beyond the basic requirements and showed obvious understanding.

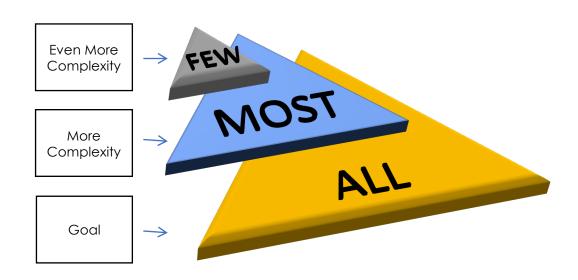
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Inclusive Education: It's not more work, it's different work!

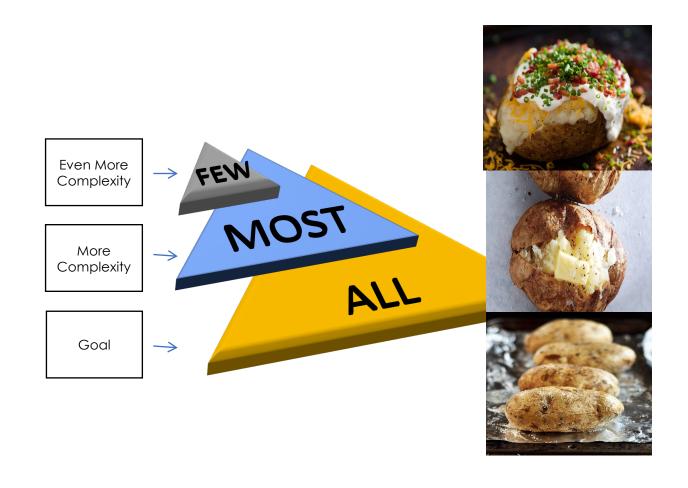
Rubrics vs. Learning Maps

	Standard	More complex	More complex
goal			

Adjustable Curriculum: Planning Pyramid



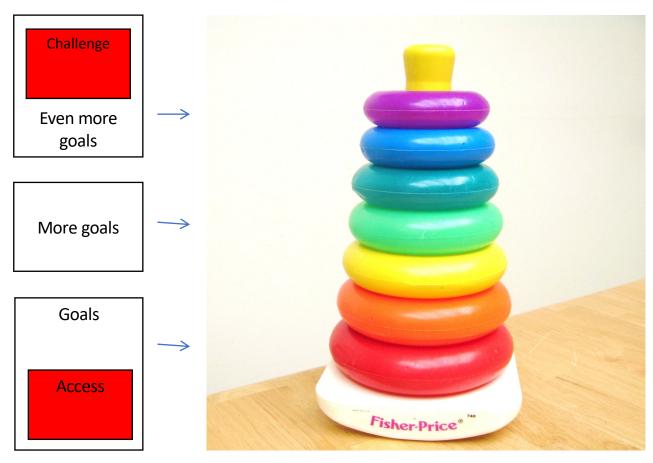
Adjustable Curriculum: Planning Pyramid



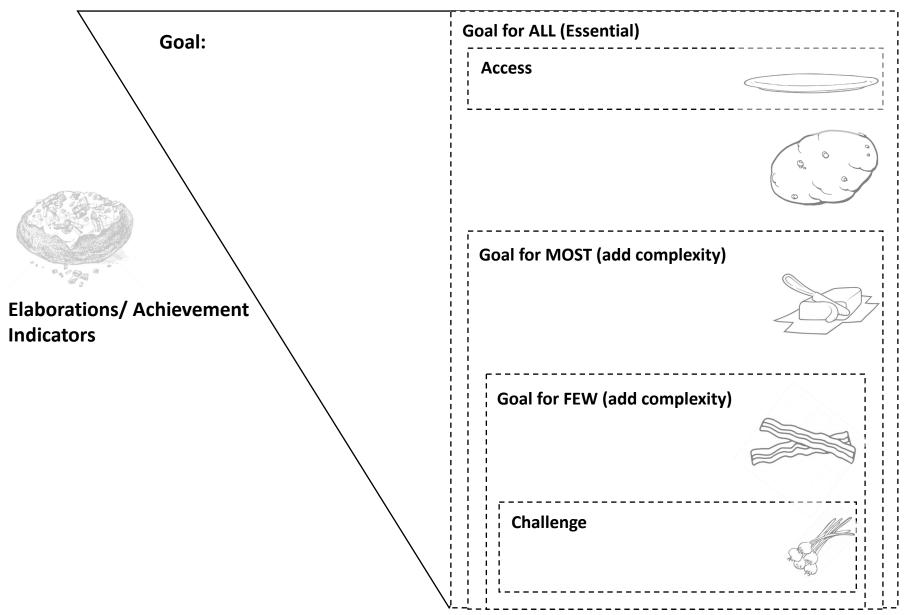
Baked Potato Planning Pyramid: Designing for a range of complexity

Goal:	Goal for ALL	
	Goal for MOST	
		Z
	Goal for FEW	
ley Moore, 2019		

Creating Access AND Challenge



The Baked Potato Planning Strategy:



Grade: 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)	
Our Guiding Unit Que	estion:	Kid Friendly:	
·		What is water? Why is water important to living things?	
Learning Outcome:		Kid friendly goals:	
Students investigate characteristics of water and the importance of water to		I can investigate water	
living things in the environment.		I know that water is important to living things and the environment	
Competency: We can be cultural and global		citizens	
Numeracy: We can co	onect data ommunicate our learni	ng	

Literacy: We can use strategies to help us understand text

Important vocabulary to know and use:

Water	Citizens	Investigate
Environment	Strategies	Collect data
Living things	communicate	Text

Grade 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)
Guiding Unit Question:	What is water? Why is water important to living things?	
Key vocabulary:	wocabulary: Water, environment, living things, citizen, strategies, communicate, investigate, collect da text	

Learner Progression

Goal(s):I can investigate water, I know that water is important to living things and the environment

	Approaching	Essential	Developing	Confident	Extending
	(Beginning)	(Acceptable)	(Proficient)	(Mastery)	(Challenge)
	(Plate)	(Potato)	(Dairy)	(Baked Bits)	I (Onions)
Conceptual Knowledge	I know the difference between land and water on the Earth I know water in our community I know the Water cycle I know that Earth has salt water and fresh water	I know that water is a natural resource that is found in oceans, lakes, ponds, rivers, streams, wetlands, and glaciers I know that water covers most of Earth's surface, making Earth a unique planet in the solar system I know that almost all of the water on Earth is salt water that is not drinkable by many animals I know that most living things on Earth are found near water because water is essential for life I know that water returns to the environment through rain, snow, sleet, and hail (precipitation) I know that First Nations, Métis, and Inuit have a sense of place and identity that is connected to water I know that scientists ask questions, make predictions, and collect and record data	I know that freshwater habitats are found in rivers, ponds, lakes, and wetlands I know that freshwater habitats are home to a variety of plant and animal life (biodiversity) I know that saltwater habitats are found in oceans and seas I know that saltwater habitats are home to a variety of plant and animal life (biodiversity) I know that investigation of water in the environment needs to be done respectfully and safely	I know that clean fresh water has no taste, colour, or smell I know that much of Earth's fresh water is in the form of ice and snow at the north and south poles, found in glaciers, or stored underground (groundwater) I know that observations of living things can be done with minimal disturbance to the environment	I know that water is essential to non-living things

Grade 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)
Guiding Unit Question(s):	What is water? Why is water important to living things?	
Key vocabulary:	Water, environment, living things, citizen, strategies, communicate, investigate, collect data, text	

Learner Progression

Goal(s):I can investigate water, I know that water is important to living things and the environment

		Approaching	Essential	Developing	Confident	Extending
		(Beginning) (Plate)	(Acceptable) I (Potato)	(Proficient) (Dairy)	(Mastery) (Baked Bits)	(Challenge) I (Onions)
		I know my 5 senses	I can use the five senses to describe the characteristics of water	I can predict results of an investigation	I can investigate different life forms found in	I can I evaluate personal
		I can notice	I can explain the importance of water to I living things	I can identify patterns in recorded observations	freshwater and saltwater habitats	use of water
	edge	I can wonder	I I can describe the significance of water to	I can propose questions	l can compare	:
	Knowledge	I know how I use water	the environment I	that could be investigated	sources of the Earth's water	:
	Procedural		I can use appropriate science vocabulary in oral, written, or graphic communications			; i !
Ā	Pr		I I can explore the environment safely with respect and care I			I I I
			I I can represent how water gives a sense of I place and identity to First Nations, Métis, I and Inuit communities			

Backwards Design – Designing the Airplane

Class: Gr. 6/7		Planning Team: Shackles, Locke & Moore			
Essential Question: What does it mean to be personally aware and responsible and how can this help me in my life inside and outside of school?					
Key vocabulary:	goal, celebrate, effort, accomplishment, persevere, advocate, plan, initiative				
Goals					
Competency Goal	I can be personally aware and responsible by being self determined				
Competency Goal	I can be personally aware	e and responsible by being self regulated			
Summative Tasks	(Self Evaluation)				
New format (3D model)		reate a 3D model that represents your understanding of being ersonally aware & responsible			
Choice Format (letter, comic boo conversation)	9.	Describe how being personally aware & responsible connects to and can help you in your own life			

Learning Maps: Making the Airplane Adjustable

Class: Gr. 6/7

Planning Team: Shackles, Locke & Moore

Essential Question: What does it mean to be personally aware and responsible and how can this help me in my life inside and outside of school?

Key vocabulary:

goal, celebrate, effort, accomplishment, persevere, advocate, plan, initiative

Goal Continuums

I can be personally aware and responsible by:

Start Here Start Here						
Goal	Access Goal (plate)	Goal for ALL (potato)	Goal for MOST (dairy)	Goal for FEW (bacon bits)		
being self determined	• I can set a goal	 I can celebrate my efforts and accomplishments 	 I can advocate for my myself and my ideas 	 I can take initiative and make change in myself and the world 		
being self regulated	I can accomplish a goal	 I can persevere through challenging tasks 	 I can implement a plan that I have made to meet a goal 	 I can adjust a plan that I have made to meet a goal 		

Science Grade 2

Example Unit & Lesson Plan

Grade: 2	Subject(s): Science		n: Kim (CT2), Shelley, Jessica P), Kendra (DI)	
Our Guiding Unit Question:		Kid Friendly:		
How does water impact living things in the environment?		What is water? Why is water important to living things?		
Learning Outcome:		Kid friendly go	oals:	
Students investigate of water and the importal living things in the en	ance of water to	I can investigate water I know that water is important to living things and the environment		
Competency: We can be cultural and global citizens Numeracy: We can collect data Numeracy: We can communicate our learning Literacy: We can use strategies to help us understand text				
Important vocabulary	y to know and use:			
Water	Citizens Investigate			

Collect data

Text

Strategies

communicate

Environment

Living things

Grade 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)
Guiding Unit Question:	What is water? Why is water important to living things?	
Key vocabulary:	Water, environment, living things, citizen, strategies, communicate, investigate, collect data, text	

Learner Progression

Goal(s):I can investigate water, I know that water is important to living things and the environment

	Approaching	Essential	Developing	Confident	Extending
	(Beginning)	(Acceptable)	(Proficient)	(Mastery)	(Challenge)
	(Plate)	(Potato)	(Dairy)	(Baked Bits)	I (Onions)
	I know the difference between land and water on the Earth	I know that water is a natural resource that is found in oceans, lakes, ponds, rivers, streams, wetlands, and glaciers	I know that freshwater habitats are found in rivers, ponds, lakes, and wetlands	I know that clean fresh water has no taste, colour, or smell	I know that water is essential to non-living
dge	I know water in our community	I know that water covers most of Earth's surface, making Earth a unique planet in the solar system I know that almost all of the water on Earth is salt water	I know that freshwater habitats are home to a variety of plant and animal life (biodiversity)	I know that much of Earth's fresh water is in the form of ice and snow at the north and south poles, found in	things
Knowledge	I know the Water cycle	that is not drinkable by many animals I know that most living things on Earth are found near	I know that saltwater habitats are found in oceans and seas	glaciers, or stored underground (groundwater)	
	I know that Earth has salt water and fresh	water because water is essential for life	I know that saltwater habitats are home to a variety of plant and	I know that observations of living things can be done	
Conceptual	water	I know that water returns to the environment through rain, snow, sleet, and hail (precipitation)	animal life (biodiversity) I know that investigation of water	with minimal disturbance to the environment	! !
	i	I know that First Nations, Métis, and Inuit have a sense of place and identity that is connected to water	in the environment needs to be done respectfully and safely		
	, ,	I know that scientists ask questions, make predictions, and collect and record data			

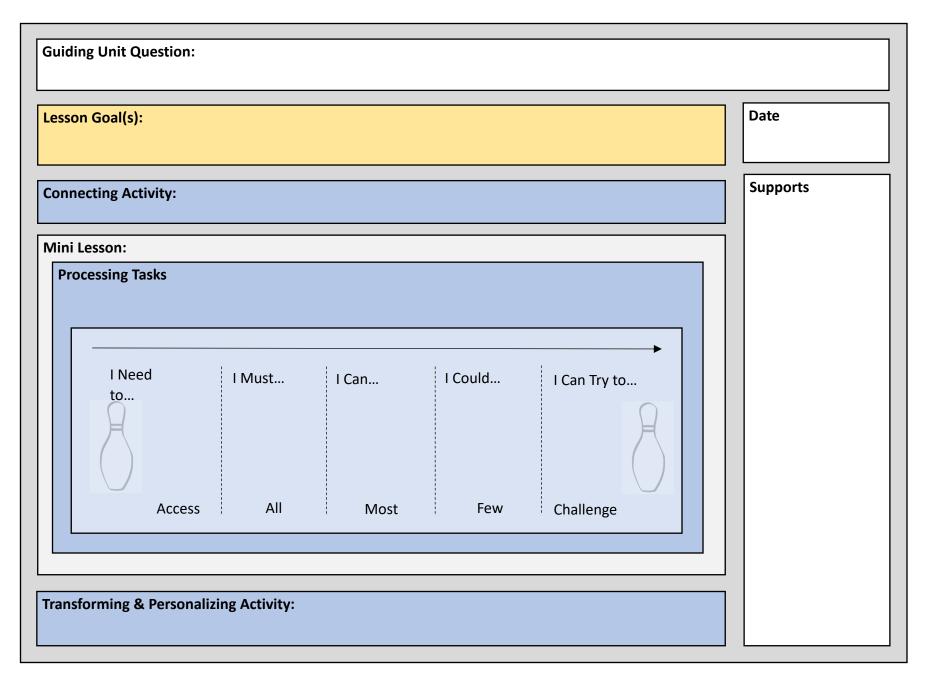
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Guiding Unit Question(s):	What is water? Why is water important to living things?	
Key vocabulary:	Water, environment, living things, citizen, strategies, communicate, investigate, collect data, text	

Learner Progression

Goal(s):I can investigate water, I know that water is important to living things and the environment

	Approaching (Beginning) (Plate)	Essential (Acceptable) (Potato)	Developing (Proficient) (Dairy)	Confident (Mastery) (Baked Bits)	Extending (Challenge) (Onions)
	I know my 5 senses	I can use the five senses to describe the characteristics of water	I can predict results of an investigation	I can investigate different life forms found in	I can I evaluate personal
	I can notice I can wonder	I can explain the importance of water to living things	I can identify patterns in recorded observations	freshwater and saltwater habitats	use of water
Knowledge	I know how I use water	I can describe the significance of water to the environment	I can propose questions that could be investigated	I can compare sources of the Earth's water	
Procedural		I can use appropriate science vocabulary in oral, written, or graphic communications			: : :
		I can explore the environment safely with respect and care			: ! !
		I can represent how water gives a sense of place and identity to First Nations, Métis, and Inuit communities			

Forward Design **Differentiated Same for Everyone** Goals Activity/Task Goals Goals Backward Design **Differentiated Same for Everyone** Activity Goals **Activity** Activity



Grade 2	Subject(s): Science	Planning Team: Kim (CT2), Shelley, Jessica (PA), Raime (P), Kendra (DI)
Guiding Unit Question:	What is water? Why is water important to living things?	
Key vocabulary:	Water, environment, living things, citizen, strategies, communicate, investigate, collect data text	

Learner Progression

Goal(s):I can investigate water, I know that water is important to living things and the environment

	Approaching	Essential Essential	Developing	Confident	Extending
	(Beginning)	(Acceptable)	(Proficient)	(Mastery)	(Challenge)
	(Plate)	ı (Potato)	(Dairy)	(Baked Bits)	I (Onions)
	I know the difference between land and water on the Earth	I know that water is a natural resource that is found in oceans, lakes, ponds, rivers, streams, wetlands, and glaciers	I know that freshwater habitats are found in rivers, ponds, lakes, and wetlands	I know that clean fresh water has no taste, colour, or smell	I know that water is essential to non-living
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Knowledge	I know the Water cycle	that is not drinkable by many animals I know that most living things on Earth are found near	I know that saltwater habitats are found in oceans and seas	glaciers, or stored underground (groundwater)	
Conceptual		water because water is essential for life I know that water returns to the environment through	I know that saltwater habitats are home to a variety of plant and animal life (biodiversity)	I know that observations of living things can be done with minimal disturbance to	
Conc		rain, snow, sleet, and hail (precipitation) I know that First Nations, Métis, and Inuit have a sense of place and identity that is connected to water I know that scientists ask questions, make predictions, and collect and record data	I know that investigation of water in the environment needs to be done respectfully and safely	the environment	

Guiding Unit Question: What is water? Why is water important to living things? Lesson Goal(s): Date: I know that there is water on Earth I know that there are 2 kinds of water on Earth I know where 2 kinds of water are found on Earth **Supports** Connecting Activity: picture// word sort - vocabulary Mini Lesson: building mind maps **Processing Tasks** I Must... I Could... I Can... I Need to... I Can Try to... Label the 2 Oragnize examples Choose a habitat Choose a Find the water different different of bodies of water - Add examples of on a picture of habitat kinds of water living things that - Fresh the Earth - Add examples live in there - salt of living things that live in there All Few Challenge Access Most **Transforming & Personalizing Activity:** Connect 1/Connect 2

Our BIG Questions

What is water?

Why is water important to living things?

Our Goal Today!

I know that there is water on Earth

I know that there are 2 kinds of water on Earth

I know where 2 kinds of water are found on Earth

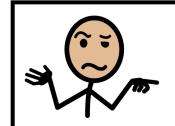
Important Words

wetlands
stream
underground water
Indian Ocean
glacier
salt water
Arctic Ocean
river

dug out/ pond
Pacific Ocean
Earth
fresh water
lake
Atlantic Ocean
Southern Ocean



I know these words!



I'm not sure about these words.

Your job...

1. Cut out the boxes on the black line



Talk to your partner, are these words you know or words you don't know?



3. Sort the picture words into the boxes



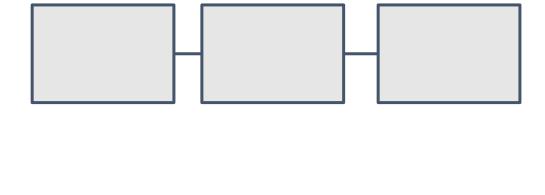


What can we learn about water?

<u>Video</u>

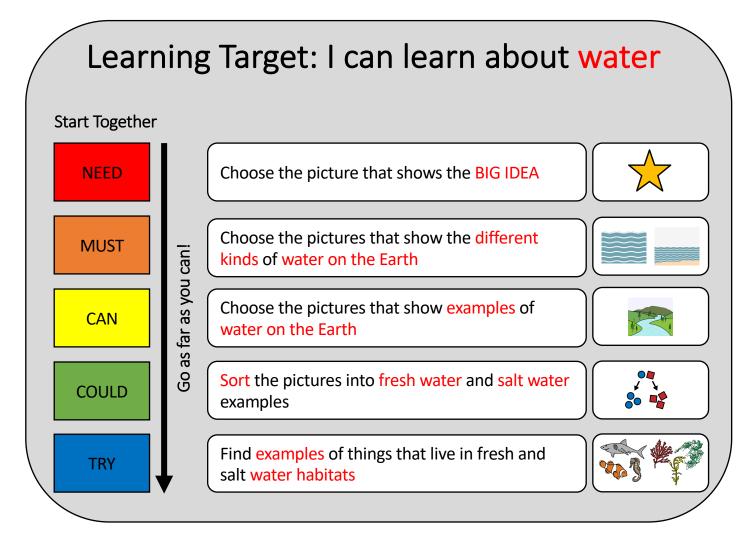
What can we learn about water?

Names: _____



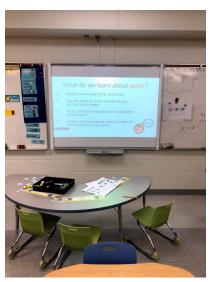


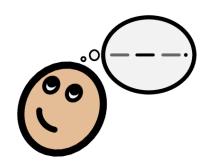


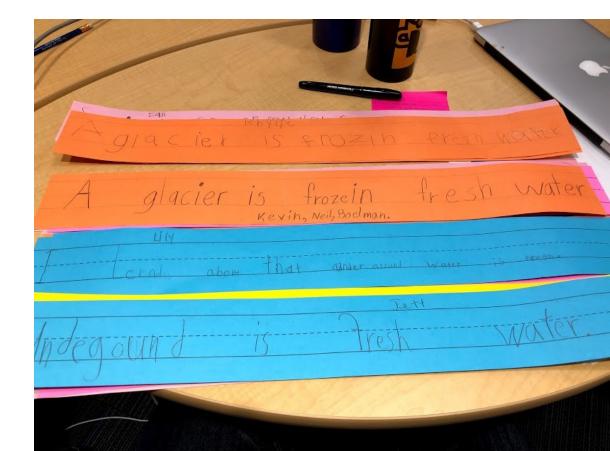


What do we learn about water?

- 1. Choose a new word that you know!
- 2. Use the word to share something you learned about water
- 3. Write a sentence about what you learned about water
- 4. Write a sentence about what you learned that connects 2 new words







Our BIG Questions

What is water?

Why is water important to living things?

Our Goal Today!

I know that there is water on Earth

I know that there are 2 kinds of water on Earth

I know where 2 kinds of water are found on Earth



What supports (tools) or strategies (actions) do you see?

Remember: Supports & strategies INCREASE independence



Popcorn

- What do you notice about this example?
- What do you wonder about this example?
- What is useful about his example?

ELA Grade 6/7

Class Review

Classroom Support Plan

Example Unit & Lesson Plan

Class Review for : Ms. S Grade 6/7 class	Teacher: Ms S, Ms.L	Date: October 2016		
We can plan for our students by getting to know the:				
Interests & Identities of the class	Classroom Strengths Classroom Stretches			
Pokemon, skateboarding, art/drawing, read alouds, each other	Supportive of each other, patient, kind, don't give up, insightful, creative	English language, written output, taking the lead, initiative		
Korean, Japanese, Taiwanese, Indigenous, Autistic				
Based on the interests, strengths and stretche	es of this class:			
The BIG question or inquiry I have for this class: How can we respond to the diversity of our class? What frameworks and strategies can help us to design an adjustable airplane?				
We can try to answer this questions by making a plan to try something new:	We can meet this goal(s) by reducing barriers in the classroom:			
Decision : Something I want to try	Decision: Barriers to Learning (UDL)	Decision : Barriers to Equity (Reconciliation)		
Designing a classroom support plan Designing a unit that plans for the range Using Kenny's interest to include him	We can choose multiple text levels for text, multiple interests areas We can make learning intentions clear (and	We can include multiple perspectives with the texts we choose We can reflect on our identities as we learn		
	the range of complexity for kids to choose from)			
We can meet this goal(s) by targeting core competencies chosen as a community:				
Decision: Targeted competencies to target for this class				
We can be personally aware and responsible				

Stud	lents	Strategies & Supports		S
	(Good for ALL)		Essential Support (Good for ONE)	
Need regulation	Kenny, Kendra , Max, Jackson	 Structured and predictable lessons start lessons with an accessible activity connect to interests, connect to life 	 	K - ????? - - - -
Need literacy	Cathy X., Eric,, Breanna, Alexandria	Literature circlesAttend to vocabulary,Group workconnect to life	Text at different reading levels, - Choice of complexity Oral, written, visual language options	 - - - - -
Need ELL/EAL	Cathy Z, Eric, Joanna, Max, Annabel, Kelly	Attend to vocabularyGroup workText from multiple perspectives	Oral, written, visual language options	translator
who needs the most challenge				

who needs the most challenge Classroom Support ค่อกาลthan Ethan

Shelley Moore, 2019

Backwards Design – Designing the Airplane

Class: Gr. 6/7		Planning Team: Shackles, Locke & Moore	
Essential Question: What does it mean to be personally aware and responsible and how can this help me in my life inside and outside of school?			
Key vocabulary:	goal, celebrate, effort, accomplishment, persevere, advocate, plan, initiative		
Goals			
Competency Goal	I can be personally aware and responsible by being self determined		
Competency Goal	I can be personally aware and responsible by being self regulated		
Summative Tasks (Self Evaluation)			
New format (3D model)	Create a 3D model the personally aware & re	at represents your understanding of being esponsible	
Choice Format (letter, comic book, conversation) Describe how being properties of the conversation of the		ersonally aware & responsible connects to and own life	

Learning Maps: Making the Airplane Adjustable

Class: Gr. 6/7

Planning Team: Shackles, Locke & Moore

Essential Question: What does it mean to be personally aware and responsible and how can this help me in my life inside and outside of school?

Key vocabulary:

goal, celebrate, effort, accomplishment, persevere, advocate, plan, initiative

Goal Continuums

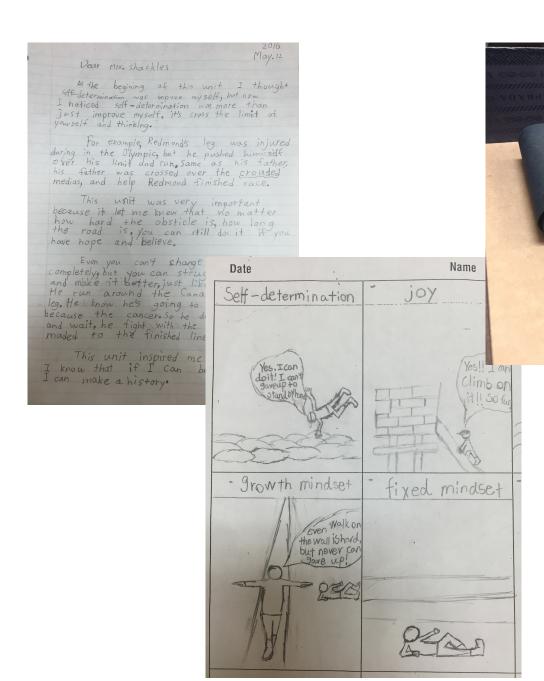
I can be personally aware and responsible by:

Start Here

Goal	Access Goal (plate)	Goal for ALL (potato)	Goal for MOST (dairy)	Goal for FEW (bacon bits)
being self determined	• I can set a goal	 I can celebrate my efforts and accomplishments 	 I can advocate for my myself and my ideas 	 I can take initiative and make change in myself and the world
being self regulated	I can accomplish a goal	 I can persevere through challenging tasks 	 I can implement a plan that I have made to meet a goal 	I can adjust a plan that I have made to meet a goal

The Lessons!





Stu	dents	Strategies & Supports		
	he most support nny			Essential Support (Good for ONE)
Need regulation	Kenny, Kendra , Max, Jackson	Structured and predictable lessons, start lessons with an accessible activity, connect to interests, connect to life, Connect to interest, 11 min. lessons (timer)	Choice to work alone, 2 min, Body zone/ tools	Choice to stay in the classroom or work outside the classroom (hallway, office, library)
Need literacy	Cathy X., Eric,, Breanna, Alexandria	Literature circlesAttend to vocabulary,Group workconnect to life	Text at different reading levels, - Choice of complexity Oral, written, visual language options	
Need ELL/EAL	Cathy Z, Eric, Joanna, Max, Annabel, Kelly	Attend to vocabulary Group work Text from multiple perspectives	Oral, written, visual language options	translator
who needs the	ne most challenge nan Ethan			



What supports (tools) or strategies (actions) do you see?

Remember: Supports & strategies INCREASE independence



Popcorn

- What do you notice about this example?
- What do you wonder about this example?
- What is useful about his example?

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