

# Before we start

While you are waiting for everyone to sign in, place a very brief summary of where you are at in the curriculum now. (example, counting 1-3, started on ...)



# Kindergarten Planning Session 2

## Provincial Cohort - Sept-Dec

Oct 12, 2022



Chris Zarski



# Acknowledgment of Land and People

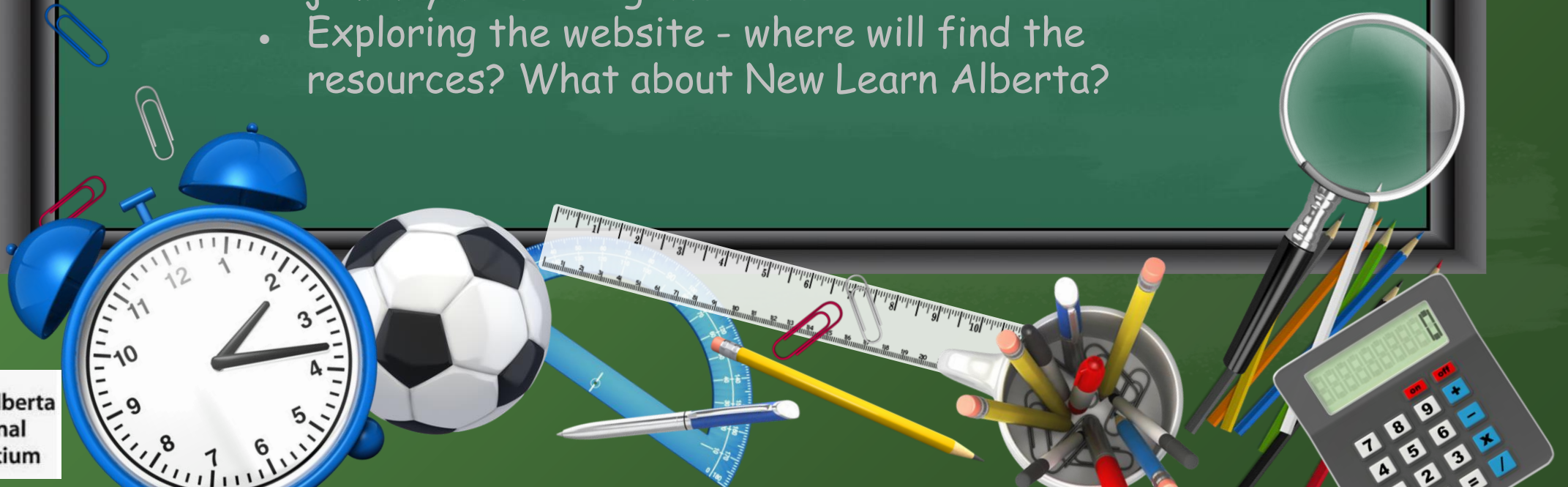


**In the spirit of reconciliation, we want to acknowledge that this gathering is taking place on traditional lands across the province of Alberta, home to many diverse Indigenous, Métis and Inuit peoples. We especially acknowledge the Cree, Dene and Metis who have walked and marked these lands for generations. We acknowledge that this land is a traditional meeting ground giving voice to its original peoples and the story of creation of this country in a way that history has forgotten.**

# Welcome back!

## Agenda:

- Review of where we are - Looking at September - November
- Outcomes and Concepts - what does it mean?
- How do the Concepts link to assessment?
- Money and how we might leverage it for our journey to '5' - A glance back
- Exploring the website - where will find the resources? What about New Learn Alberta?



# Success Criteria

This session will be successful if, at the end, you will ...



## Confidence

... feel confident in navigating the new Math curriculum and its associated resources.



## Direction

... have a sense of direction in moving forward with implementing the new curriculum.

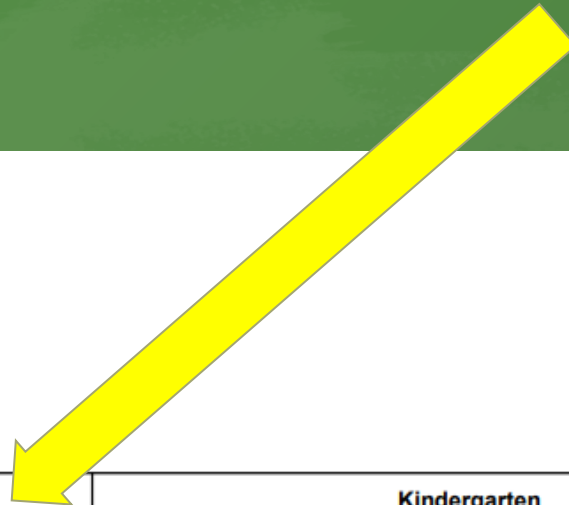
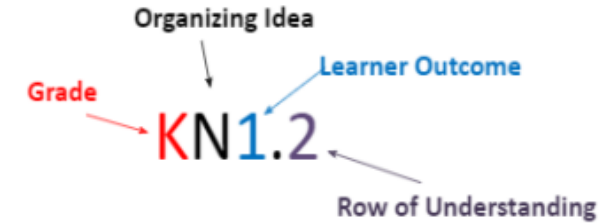


## Efficacy

... have a sense of efficacy that you have the skillset and resources to make the implementation work.

# Organizing Idea

- statement of the learning
- spans all or most grades
- main concepts



	Kindergarten			Grade 1			Grade 2		
<b>Organizing Idea</b>	Number: Quantity is measured with numbers that enable counting, labelling, comparing, and operating.								
<b>Guiding Question</b>	How can quantity contribute meaning to daily life?			How can quantity be communicated?			How can quantity contribute to a sense of number?		
<b>Learning Outcome</b>	KN1.1 Children investigate quantities to 10.			1N1.1 Students interpret and explain quantities to 100.			2N 1.1 Students analyze quantity to 1000.		
	Knowledge	Understanding	Skills & Procedures	Knowledge	Understanding	Skills & Procedures	Knowledge	Understanding	Skills & Procedures
	Quantity can be represented using  objects pictures words numerals	Quantity can be the number of objects in a set.	Recognize a number of familiar objects as a quantity.  Represent a quantity in different ways.  Relate a numeral to a specific quantity.	A numeral is a symbol or group of symbols used to represent a number.  The absence of quantity is represented by 0.	Quantity is expressed in words and numerals based on patterns.  Quantity in the world is represented in multiple ways.	Represent quantities using words, numerals, objects, or pictures.  Identify a quantity of 0 in familiar situations.	Any number of objects in a set can be represented by a natural number.  The values of the places in a four-digit natural number are thousands, hundreds, tens, and ones.  Places that have no value within a given number use zero as a placeholder.  The number line is a spatial representation of quantity.	There are infinitely many natural numbers.  Every digit in a natural number has a value based on its place.  Each natural number is associated with exactly one point on the number line.	Represent quantities using words and natural numbers.  Identify the digits representing thousands, hundreds, tens, and ones based on place in a natural number.  Relate a number, including zero, to its position on the number line.

# A Note on Wording

KN 1.1 Quantity can be represented using (**including**) objects, pictures, words, and numerals.

➤ All that follows “include” must be taught, but other examples can be added.

KM 1.1 Size can be interpreted in many ways (according to measurable attributes) such as,  
• how much a container holds (**capacity**).

➤ Parenthesized words are words students need to know but can be interchanged with the alternate wording during discussions. (Age appropriateness)

KN1.4 Comparisons of quantity can be described by using words **such as**

- more
- less
- same
- enough
- not enough

➤ What follows “such” are examples and don’t have to all be covered or can be replaced with alternatives.

# Progressions

[Link](#)

Progressions

## Competencies

- Critical Thinking
- Problem Solving
- Research and Managing Information
- Creativity and Innovation
- Communication
- Collaboration
- Citizenship
- Personal Growth and Well-being



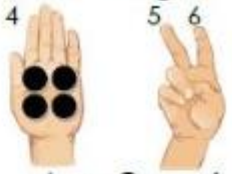


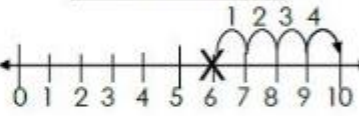
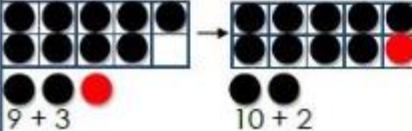
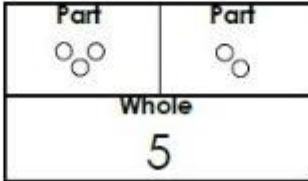
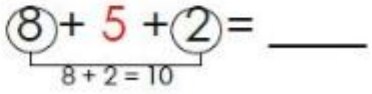
## Literacy

- Literacy involves acquiring and applying the understanding and skills necessary to decode, evaluate, and logically communicate ideas and build meaning, using oral, written, visual, and multimedia sources.
- Literacy is embedded in learning across all subject areas. It is foundational, allowing students to live, learn, and work as knowledgeable, active participants in a democratic society.
- **The Literacy Progressions** identify knowledge and behaviours that students may demonstrate by the end of each divisional age range.

## Numeracy

- Numeracy involves acquiring and applying the mathematical knowledge and skills needed to engage with quantitative and spatial information in a variety of situations.
- Numeracy is embedded in learning experiences across all subject areas
- **The Numeracy Progressions** identify knowledge and behaviours that students may demonstrate by the end of each divisional age range.

# A Conceptual Lens



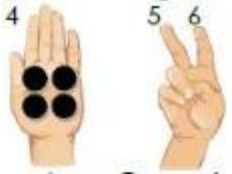


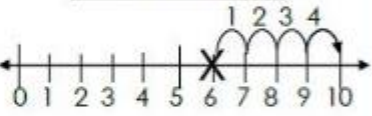
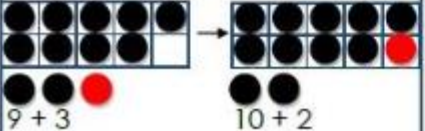
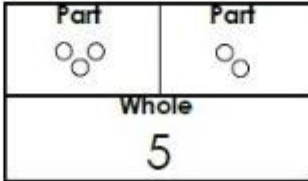
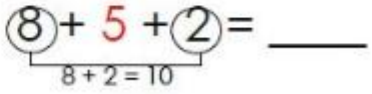
<p><u>Draw a Picture</u></p>  <p><math>6 + 3 = 9</math></p>	<p><u>Tally Marks</u></p>  <p><math>3 + 4 = 7</math></p>	<p><u>Counting On</u></p>  <p><math>4 + 2 = 6</math></p>
<p><u>Doubles</u> same number is added</p>  <p><math>4 + 4 = 8</math></p>	<p><u>Commutative Property</u> Turn-Around Facts</p>  <p><math>2 + 5 = 7</math>   <math>5 + 2 = 7</math></p>	<p><u>Number Line</u></p>  <p><math>6 + 4 = 10</math></p>
<p><u>Tens Frames</u> <math>9 + 3 = ?</math></p> <p>think:</p>  <p><math>9 + 3</math>   <math>10 + 2</math></p>	<p><u>Part-Part-Whole</u></p>  <p><math>3 + 2 = 5</math></p>	<p><u>Associative Property</u> combine numbers</p>  <p><math>10 + 5 = 15</math></p>

## Lens

### Math Concepts

- quantity
- addition
- modelling
- representation

# A Conceptual Lens

<p><u>Draw a Picture</u></p>  <p><math>6 + 3 = 9</math></p>	<p><u>Tally Marks</u></p>  <p><math>3 + 4 = 7</math></p>	<p><u>Counting On</u></p>  <p><math>4 + 2 = 6</math></p>
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## Lens

### Competencies

- critical thinking
- design



**Looking at the  
curriculum  
through the lens  
of concepts.**

# iConcepts



What is a concept?

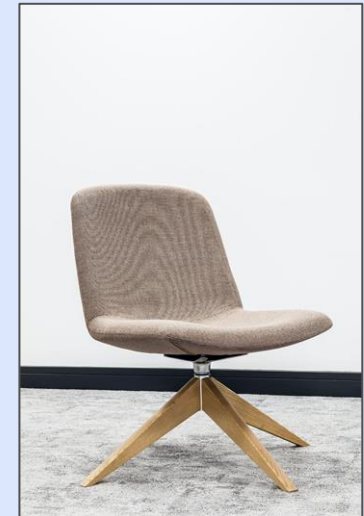


## A concept is ...

- organizing idea
- with distinct attributes
- that are shared across multiple examples

# Chair is a concept

- **organizing idea : Chair**
- **with distinct attributes** 1) object 2) **manufactured or designed for sitting**)
- **that are shared across multiple examples**

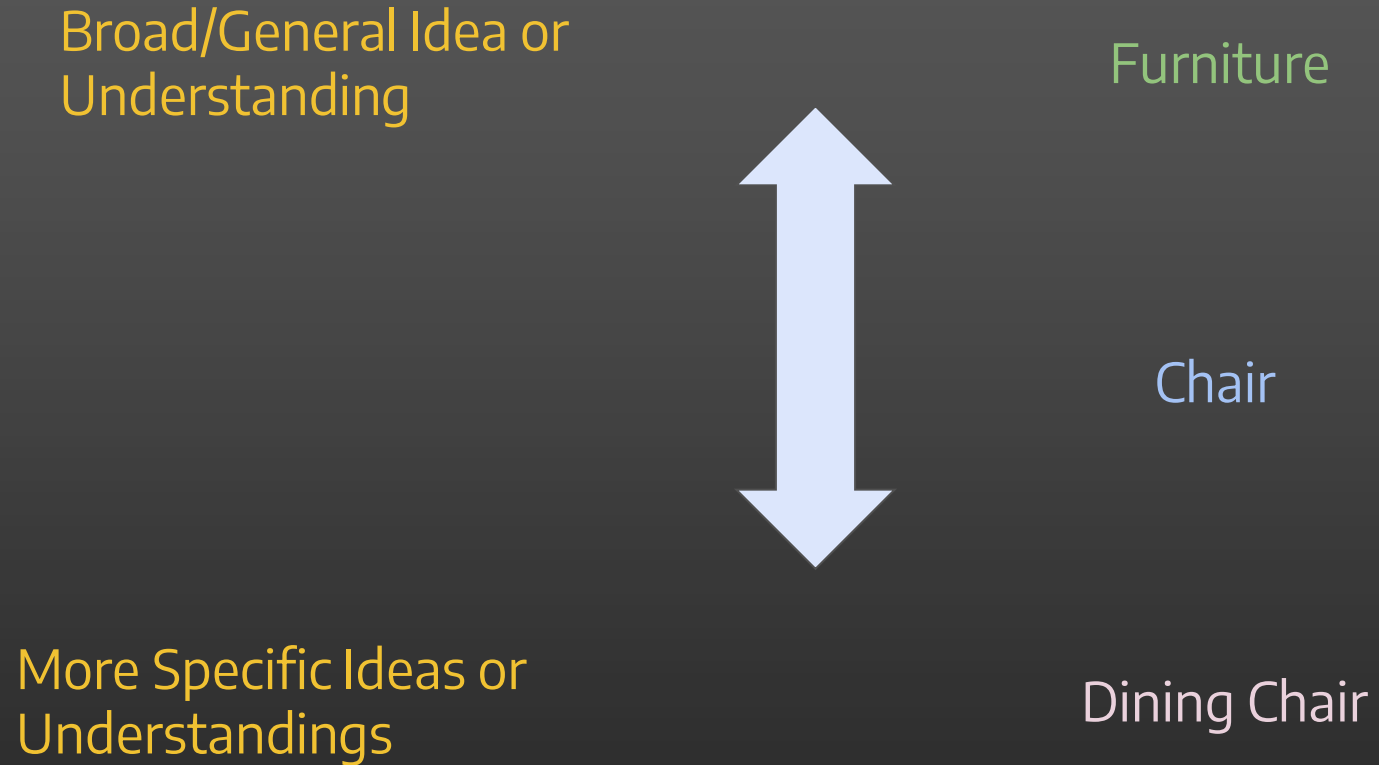




## A concept ...

- is timeless
- is universal
- is represented in 1 or 2 words

# Levels of Concepts



**Form**

**Function**

**Causation**



**Connection**

**Reflection**

**Responsibility**

**Perspective**

# conceptual lens: concepts

## KN1.1 Learner Outcome: Children investigate quantity to 10.

Knowledge	Understanding	Skills and Procedures
<p>Quantity can be represented using</p> <ul style="list-style-type: none"><li>● objects</li><li>● pictures</li><li>● words</li><li>● numerals</li></ul>	<p>Quantity can be the number of objects in a set.</p>	<p>Recognize a number of familiar objects as a quantity.</p> <p>Represent a quantity in different ways.</p> <p>Relate a numeral to a specific quantity.</p>

# conceptual lens: concepts

**KN1.1 Learner Outcome: Children investigate quantity to 10.**

Knowledge	Understanding	Skills and Procedures
<p>Quantity can be represented using</p> <ul style="list-style-type: none"><li>• objects</li><li>• pictures</li><li>• words</li><li>• numerals</li></ul>	<p>Quantity can be the number of objects in a set.</p>	<p>Recognize a number of familiar objects as a quantity.</p> <p>Represent a quantity in different ways.</p> <p>Relate a numeral to a specific quantity.</p>

# conceptual lens: skill related concepts

**KN1.1 Learner Outcome: Children investigate quantity to 10.**

Knowledge	Understanding	Skills and Procedures
<p>Quantity can be represented using</p> <ul style="list-style-type: none"><li>• objects</li><li>• pictures</li><li>• words</li><li>• numerals</li></ul>	<p>Quantity can be the number of objects in a set.</p>	<p>Recognize a number of familiar objects as a quantity.</p> <p>Represent a quantity in different ways.</p> <p>Relate a numeral to a specific quantity.</p>

# Skills & Procedures

## Kindergarten Math September - December

- **Recognize** a number of familiar objects as a quantity.
- **Relate** a numeral to a specific quantity.
- **Represent** a quantity in different ways.
- **Count** - a quantity can be **determined** by **counting**. (Stable order)
- **Count** - same sequence; order irrelevance; one-to-one; cardinality; counting as a set (abstraction)
- **Subitize** - quantity can be **determined** without counting.
- **Compare** the size of two sets using one-to-one correspondence. (similarities and differences)
- **Describe** quantities relative to each other using **comparative** language.
- **Describe** a quantity in relation to purpose or need using comparative language.
- **Describe** a shape using words such as...
- **Solve problems** in familiar situations by counting.
- **Identify** and **create** repeating patterns.
- **Represented** - a shape can be **represented** using objects, pictures or words.
- **Investigate** quantities to 10.
- **Interpret** time as a sequence of events.

# Skills & Procedures

## Kindergarten Math September - December

- **Recognize** a number of familiar objects as a quantity.
- **Relate** a numeral to a specific quantity.
- **Represent** a quantity in different ways. **Is able to represent quantities to \_\_\_ in different ways.**
- **Count** - a quantity can be **determined** by **counting**. (Stable order)
- **Count** - same sequence; order irrelevance; one-to-one; cardinality; counting as a set (abstraction)
- **Subitize** - quantity can be **determined** without counting.
- **Compare** the size of two sets using one-to-one correspondence. (similarities and differences)
- **Describe** quantities relative to each other using **comparative** language. **Is able to use comparative language for quantities up to \_\_\_\_.**
- **Describe** a quantity in relation to purpose or need using comparative language.
- **Describe** a shape using words such as... **Is able to describe shapes of \_\_\_ using words such as \_\_\_\_.**
- **Solve problems** in familiar situations by counting.
- **Identify** and **create** repeating patterns.
- **Represented** - a shape can be **represented** using objects, pictures or words.
- **Investigate** quantities to 10.
- **Interpret** time as a sequence of events.

September	October	November
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**Specific Number:** Quantity is measured with numbers that enable counting, labelling, comparing and operating.

<p>KN1.2a. Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity is always counted using the same sequence of words (counting principle: stable order)</li> </ul> <p>KN1.1 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>Quantity can be the number of objects in a set.</li> </ul> <p>KN1.4 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity can be described in relation to a purpose or need.</li> </ul>	<p>KN1.2a. Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity is always counted using the same sequence of words (counting principle: stable order)</li> </ul> <p>KN1.1 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>Quantity can be the number of objects in a set.</li> </ul> <p>KN1.4 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity can be described relative to another quantity.</li> <li>A quantity can be described in relation to a purpose or need.</li> </ul> <p><b>Subitizing begins and carries forward.</b></p>	<p>KN1.2a. Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity is always counted using the same sequence of words (counting principle: stable order)</li> </ul> <p>KN1.1 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>Quantity can be the number of objects in a set.</li> </ul> <p>KN1.4 Children investigate quantities to 10. <b>(to 5)</b></p> <ul style="list-style-type: none"> <li>A quantity can be described relative to another quantity.</li> <li>A quantity can be described in relation to a purpose or need.</li> </ul>
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<p><b>Exposure</b> and Intro to Patterns</p>	<p><b>Patterns:</b> Awareness of patterns supports problem solving in various situations.</p> <p>KP1. Children identify and create repeating patterns.</p> <ul style="list-style-type: none"> <li>Pattern is characterized by how the elements change or remain the same.</li> </ul> <p><b>copy - extending - creating</b></p>
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**Time:** Duration is described and quantified with time.

<p>KT1. Children interpret time as a sequence of events.</p> <ul style="list-style-type: none"> <li>Time can be perceived as a sequence.</li> </ul> <p><b>Agenda's &amp; Calendars right from day 1!</b></p>	<p>KT1. Children interpret time as a sequence of events.</p> <ul style="list-style-type: none"> <li>Time can be perceived as a sequence.</li> </ul> <p><b>Agenda's &amp; Calendars right from day 1!</b></p>	<p>KT1. Children interpret time as a sequence of events.</p> <ul style="list-style-type: none"> <li>Time can be perceived as a sequence.</li> </ul> <p><b>Agenda's &amp; Calendars right from day 1!</b></p>
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**Geometry:** Shapes are defined and related by geometric attributes.

<p>KG 1. Children acquire an understanding of shape.</p> <ul style="list-style-type: none"> <li>Shape is <u>structured two-dimensional</u> or three-dimensional space. <b>(focus on 2D)</b></li> </ul>	<p>KG 1. Children acquire an understanding of shape.</p> <ul style="list-style-type: none"> <li>Shape is <u>structured two-dimensional</u> or three-dimensional space. <b>(focus on 2D)</b></li> </ul>	<p>KG 1. Children investigate shape.</p> <ul style="list-style-type: none"> <li>Shape is <u>structured two-dimensional</u> or three-dimensional space. (2D &amp; 3D)<b>(focus on 2D)</b></li> </ul>
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December

January

February

March

**Number:** Quantity is measured with numbers that enable counting, labelling, comparing and operating.

KN1.2a. Children investigate quantities to 10...(to 5) perhaps 6 to use dice

- A quantity is always counted using the same sequence of words (counting principle: stable order)

KN1.1 Children investigate quantities to 10.(to 5) perhaps 6 to use dice

- Quantity can be the number of objects in a set.

KN1.4 Children investigate quantities to 10.(to 5) perhaps 6 to use dice

- A quantity can be described relative to another quantity.
- A quantity can be described in relation to a purpose or need.

KN1.1 Children investigate quantities to 10.

- Quantity can be the number of objects in a set.

KN1.4 Children investigate quantities to 10.

- A quantity can be described relative to another quantity.
- A quantity can be described in relation to a purpose or need.

KN1.2 Children investigate quantities to 10.

- A quantity is always counted using the same sequence of words (counting principle: stable order)
- A quantity remains the same no matter the order in which the objects are counted (counting principle: order irrelevance).
- A quantity can be determined by counting each object in a set once and only once (counting principle: one-to-one correspondence).

KN1.2 Children investigate quantities to 10.

- A quantity is always counted using the same sequence of words (counting principle: stable order)
- A quantity remains the same no matter the order in which the objects are counted (counting principle: order irrelevance).
- A quantity can be determined by counting each object in a set once and only once (counting principle: one-to-one correspondence).
- The last number used to count represents the quantity (counting principle: cardinality).
- Any quantity of like or unlike objects can be counted as a set (counting principle: abstraction).

KN1.3 Children investigate quantities to 10.

- Quantity can be determined without counting.

KN1.1 Children investigate quantity to 10.

KN1.1 Children investigate quantities to 10.

- Quantity can be the number of objects in a set.

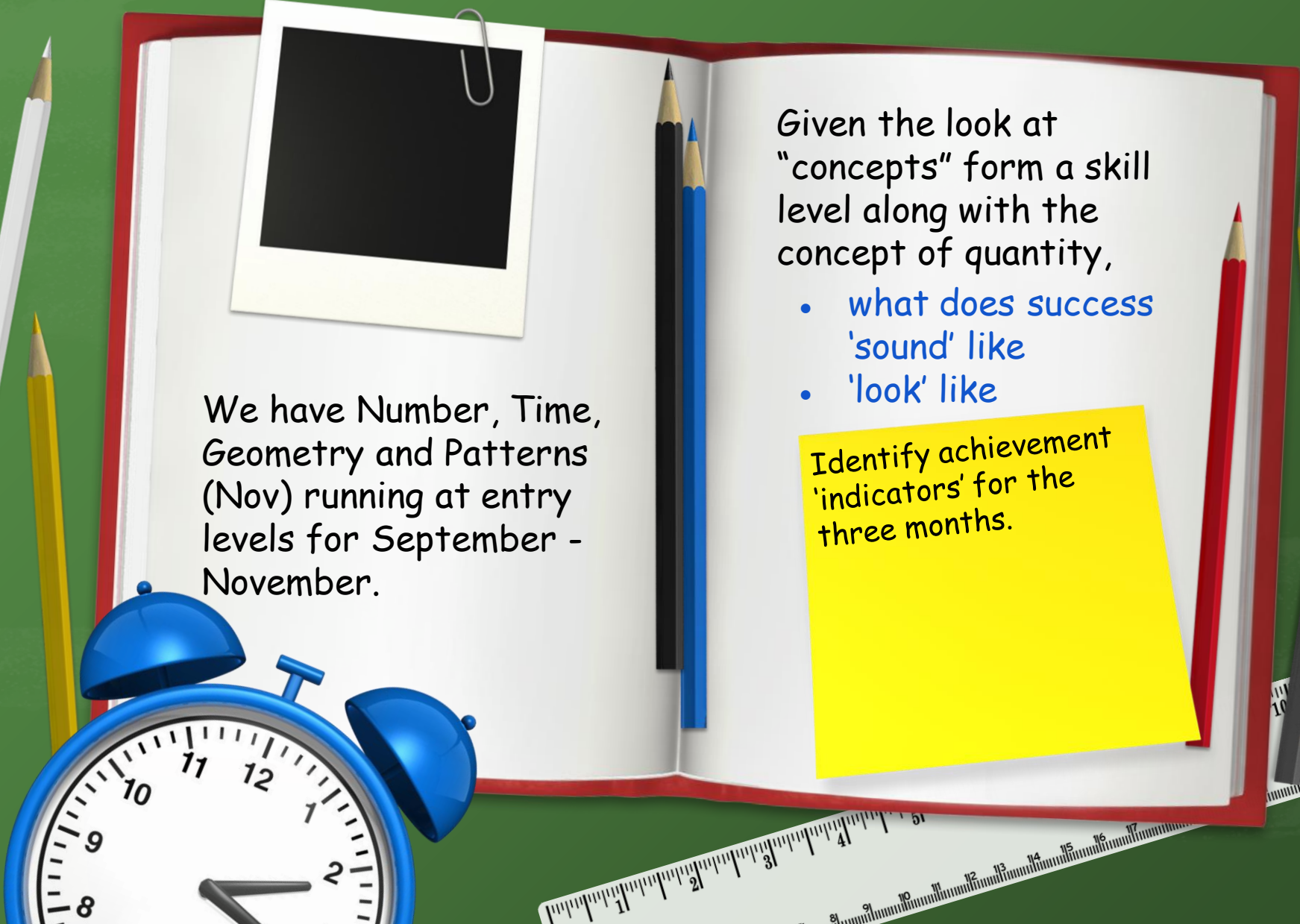
KN1.2 b-e. Children investigate quantities to 10.

- Any quantity of like or unlike objects can be counted as a set (counting principle: abstraction).

KN1.3 Children investigate quantities to 10.

- Quantity can be determined without counting.

# Assessment




We have Number, Time, Geometry and Patterns (Nov) running at entry levels for September - November.

Given the look at "concepts" form a skill level along with the concept of quantity,

- what does success 'sound' like
- 'look' like

Identify achievement 'indicators' for the three months.

# Kindergarten

Guiding Question	How can quantity contribute meaning to daily life?		
Learning Outcome	KN1.1 Children investigate quantities to 10. (to 5) 		
	Knowledge	Understanding	Skills & Procedures
	Quantity can be represented using  objects pictures words numerals	Quantity can be the number of objects in a set.	Recognize a number of familiar objects as a quantity.  Represent a quantity in different ways.  Relate a numeral to a specific quantity.

# KN1.2a

Learning Outcome	KN1.2 Children investigate quantities to 10. (to 5)		
	Knowledge	Understanding	Skills & Procedures
	Quantity can be determined by counting.	a. A quantity is always counted using the same sequence of words (counting principle: stable order).	Count within 10, forward and backward, starting at any number, according to the counting principles.

b. A quantity remains the same no matter the order in which the objects are counted (counting principle: order irrelevance).

c. A quantity can be determined by counting each object in a set once and only once (counting principle: one-to-one correspondence).

d. The last number used to count represents the quantity (counting principle: cardinality).

e. Any quantity of like or unlike objects can be counted as a set (counting principle:

# KN1.4

## KN1.4 Children investigate quantity to 10

Knowledge	Understanding	Skills & Procedures
<p>Comparisons of quantity can be described by using words such as</p> <ul style="list-style-type: none"><li>• more</li><li>• less</li><li>• same</li><li>• enough</li><li>• not enough</li></ul>	<p>A quantity can be described relative to another quantity.</p> <p>A quantity can be described in relation to a purpose or need.</p>	<p>Compare the size of two sets using one-to-one correspondence.</p> <p>Describe quantities relative to each other using comparative language.</p> <p>Describe a quantity in relation to a purpose or need using comparative language.</p> <p>Solve problems in familiar situations by counting.</p>

# KG1

## KP1(starting in Nov)

Guiding Question	How can shape bring meaning to the space in an environment?		
Learning Outcome	KG1 Children investigate shape. (2D)		
	Knowledge	Understanding	Skills & Procedures
	<p>A shape can be represented using objects, pictures, or words.</p> <p>Familiar two- and three-dimensional shapes can be found in nature, such as</p> <ul style="list-style-type: none"> <li>• circles</li> <li>• triangles</li> <li>• cubes</li> <li>• cylinders</li> </ul> <p>First Nations, Métis, and Inuit relate specific shapes to those found in nature.</p>	<p>Shape is structured two-dimensional or three-dimensional space.</p>	<p>Relate shapes in nature to various two-dimensional and three-dimensional shapes.</p> <p>Identify familiar two- and three-dimensional shapes.</p> <p>Investigate three-dimensional shapes by rolling, stacking, or sliding.</p> <p>Describe a shape using words such as flat, curved, straight, or round.</p>

Organizing Idea	Patterns: Awareness of patterns supports problem solving in various situations			
Guiding Question	How can patterns be recognized?			Wh
Learning Outcome	KP1 Children identify and create repeating patterns.			1P1
	Knowledge	Understanding	Skills & Procedures	
	<p>Patterns exist everywhere.</p> <p>A pattern can involve elements such as</p> <ul style="list-style-type: none"> <li>• sounds</li> <li>• objects</li> <li>• pictures</li> <li>• symbols</li> <li>• actions</li> </ul> <p>Repeating patterns have one or more elements that repeat.</p>	<p>A pattern is characterized by how the elements change or remain constant.</p>	<p>Recognize repeating patterns encountered in daily routines and play, including songs or dances.</p> <p>Recognize change or constancy between elements in a repeating pattern.</p> <p>Predict the next elements in a repeating pattern.</p> <p>Create a repeating pattern with up to three repeating elements.</p>	<p>A c rep ex Cy  Th ca wit ele A p se mo rep</p>

# How would you model, exemplify or teach the following using money?

## Kindergarten:

- Quantities using objects, words, pictures, numbers
- Counting objects
- Subitize to 5/10
- “like/unlike/more/less/same”/enough/too many/too few
- Compose quantities within 10 in various ways
- “Share” - this is the beginning of fractions
- Describe a shape using words such as flat, curved, straight, or round.
- Sort shapes according to one attribute and describe the sorting rule.
- Measurable attributes can include • length • area • capacity • mass
- “longer • taller • shorter • heavier • lighter • bigger • smaller • big enough • too big • too small”
- Describe the size of an object in relation to another object, using comparative language.  
Describe the size of an object in relation to a purpose or need, using comparative language.
- Identify the pattern core, up to three elements, in a repeating pattern.
- Predict the next elements in a repeating pattern. Create a repeating pattern with a pattern core of up to three elements.

What did we see when we emptied our bowl on the table?



**Review May  
video**



# Money - Manipulative or Concept?



Guiding Question	What is money?		
Learning Outcome	Children explore money.		
	Knowledge	Understanding	Skills & Procedures
<p data-bbox="318 349 637 435">They begin as our “counters”</p> <p data-bbox="318 549 471 592">Shapes</p> <p data-bbox="318 721 713 806">Colour - comparative language</p> <p data-bbox="318 1085 649 1170">Canadian Living Things - animals</p>	<p data-bbox="815 292 1210 428">Canadian money comes in many forms, such as</p> <ul data-bbox="815 442 968 528" style="list-style-type: none"> <li>• coins</li> <li>• bills</li> </ul> <p data-bbox="815 592 1210 771">Canadian coins and bills come in different denominations, such as</p> <ul data-bbox="815 785 1006 971" style="list-style-type: none"> <li>• loonies</li> <li>• toonies</li> <li>• \$5</li> <li>• \$10</li> </ul> <p data-bbox="815 1035 1184 1170">Canadian coins and bills have different features, such as</p> <ul data-bbox="815 1185 1006 1370" style="list-style-type: none"> <li>• colour</li> <li>• number</li> <li>• images</li> <li>• size</li> </ul>	<p data-bbox="1274 292 1656 428">Money has unique features to represent its value.</p> <p data-bbox="1363 1292 1567 1335"><u>Money APP</u></p>	<p data-bbox="1732 292 2102 428">Explore the value of Canadian coins and bills.</p> <p data-bbox="1732 492 2102 628">Identify features of Canadian coins and bills.</p>

Show Me

1



5

2

4



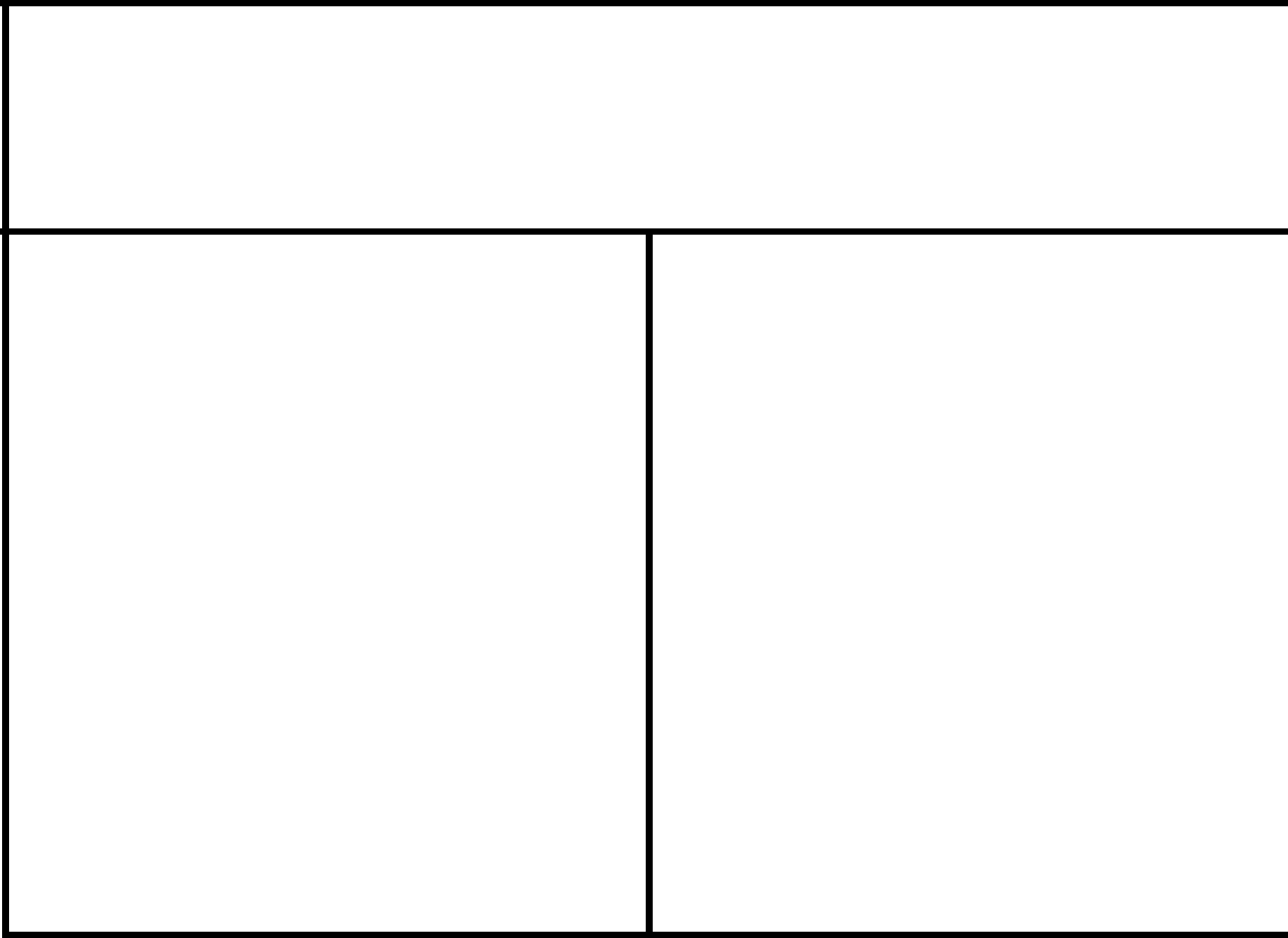
# Show Me







Part-Part-Whole



# MONEY BINGO

M	O	N	E	Y
				
				
		<b>FREE SPACE</b>		
				
				

BINGO

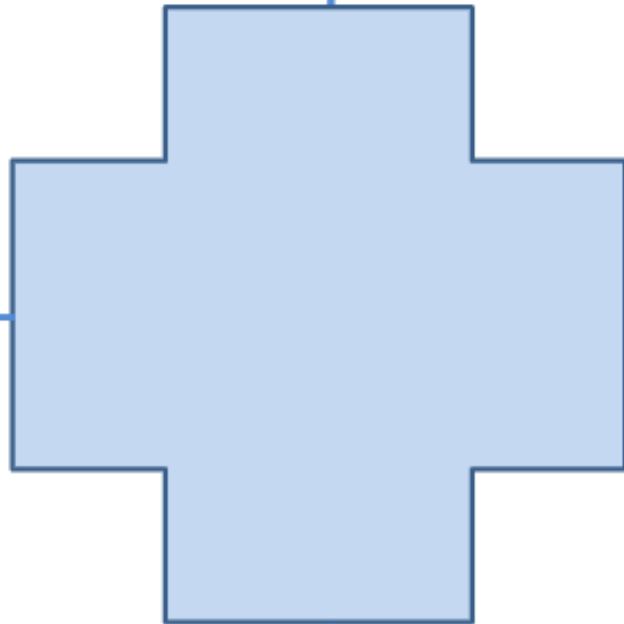







# Go Fish



Show Me The Money

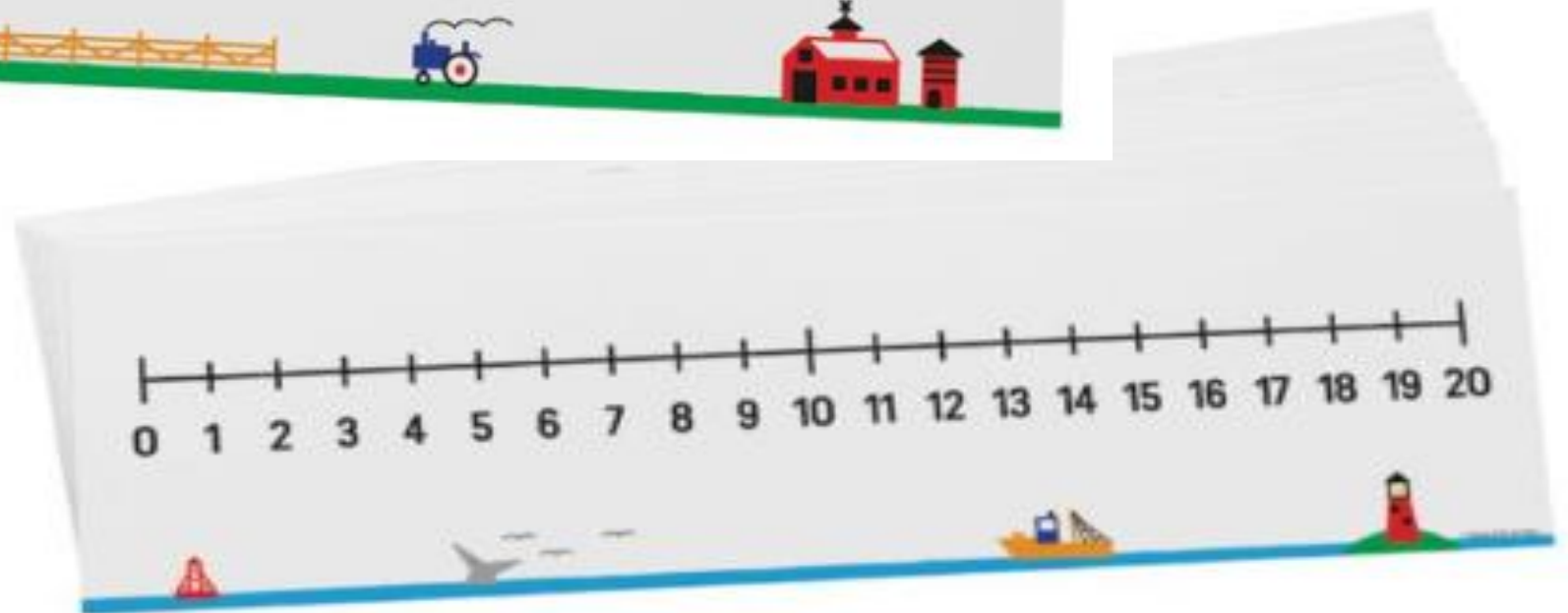
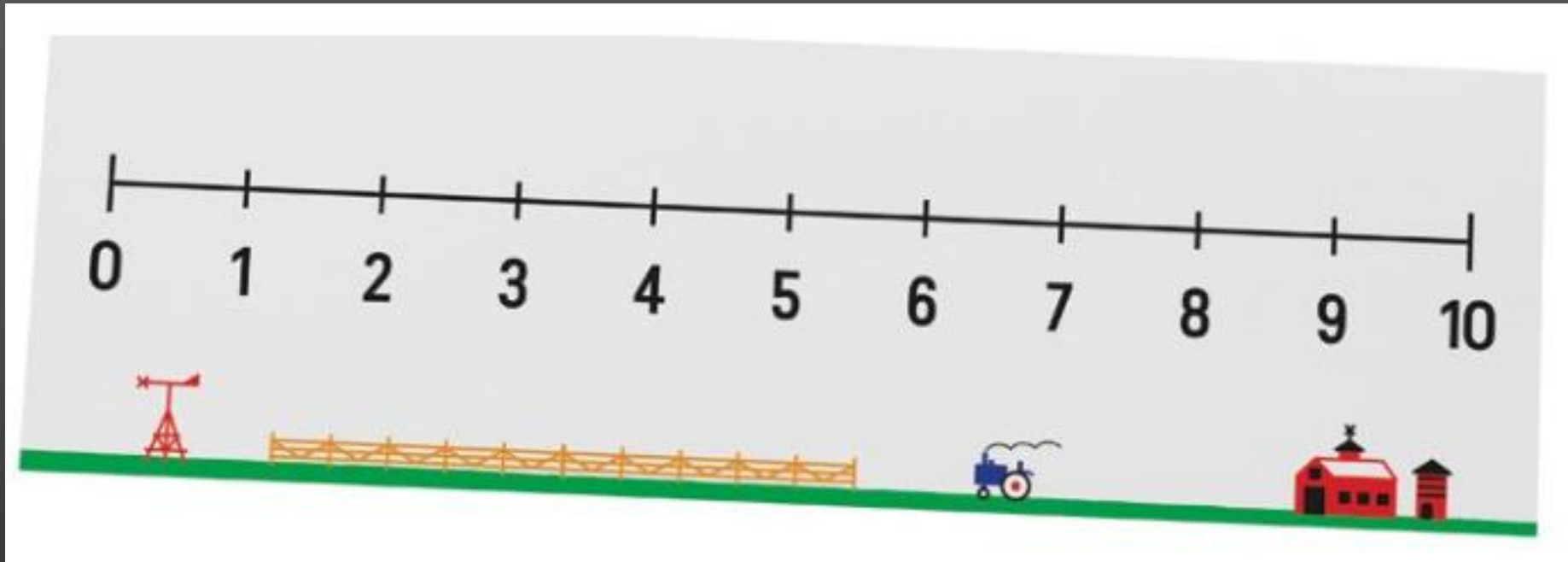


## Place Value Chart Beginning with Money (Penny, Nickel, Dime)

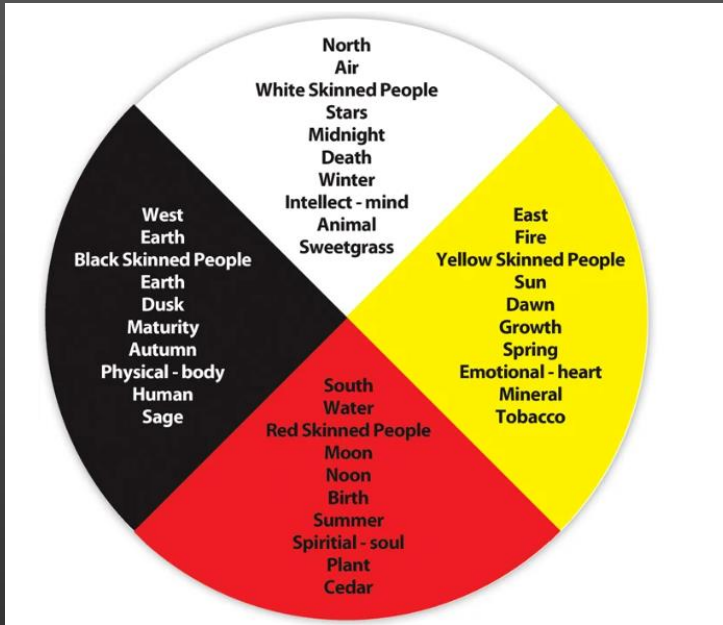
Dime 	Nickel 	Penny 



# Didax Numberline



# Shapes of Meaning to First Nations, Metis and Inuit



Cree syllabics

▽	▽	△	△	▷	▷	◁	◁	
e	ē	i	ī	o	ō	a	ā	
∇	∇	∧	∧	>	>	<	<	l
pe	pē	pi	pī	po	pō	pa	pā	p
U	U	∩	∩	∩	∩	∩	∩	/
te	tē	ti	tī	to	tō	ta	tā	t
q	q	p	p	d	d	b	b	\
ke	kē	ki	kī	ko	kō	ka	kā	k
ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	-
che	chē	chi	chī	cho	chō	cha	chā	ch
ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ
me	mē	mi	mī	mo	mō	ma	mā	m
ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ	ᑭ

Circle, Medicine Wheel and the Number 4

Healing [Circle](#)

Sharing [Circles](#) and the Talking Stick

Drumming: The Heartbeat of Mother [Earth](#)

Teacher information and Lesson on the [Talking Circle](#)

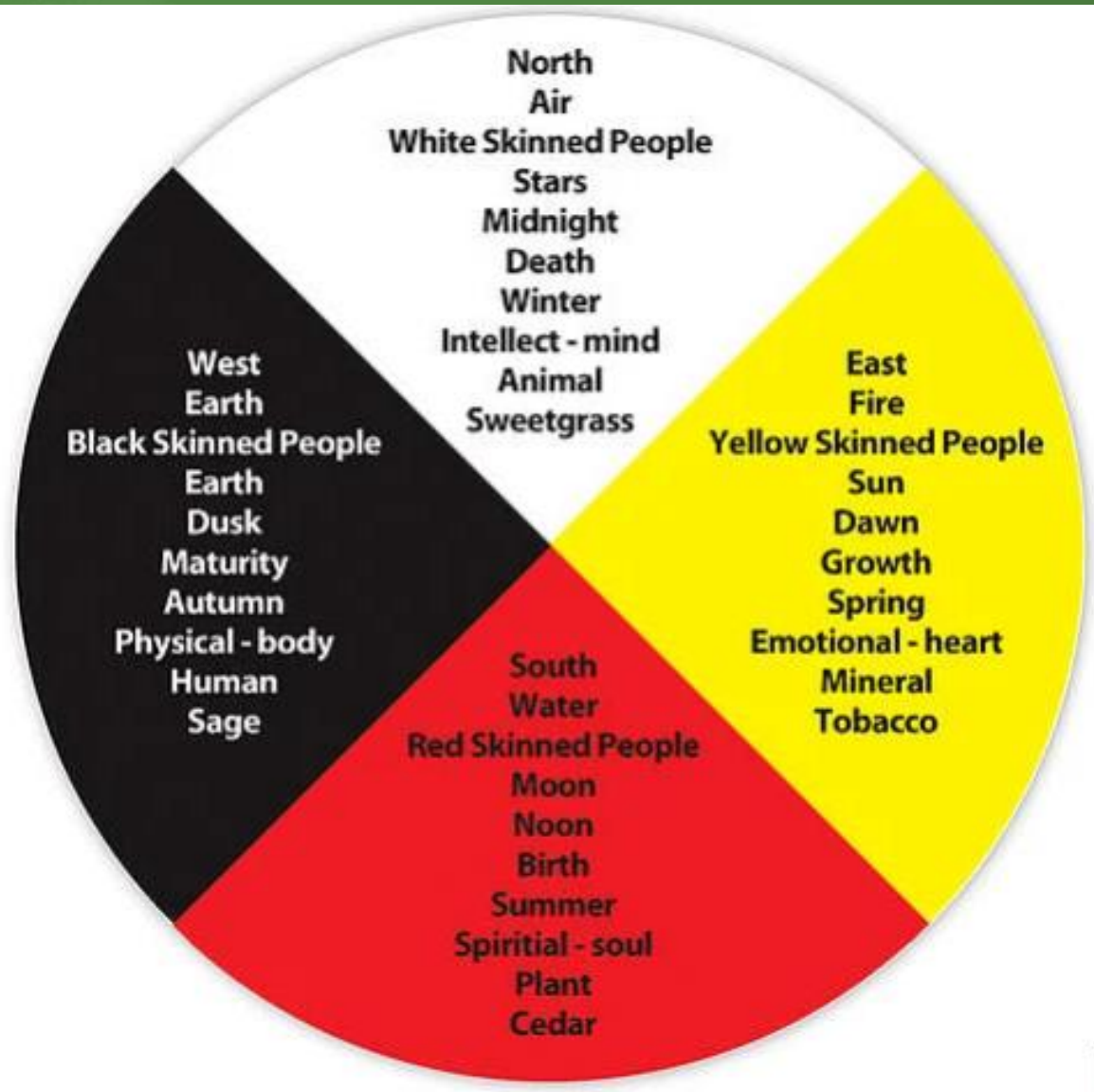
Cree [Syllabics](#)

# Christine Massan - Nature and Indigenous Patterns



# Leah Dorion





medicine\_wheel\_RGB

# Mother Earth



Mother Earth - Burst of Butterflies  
burstofbutterflies.com



Honoring Mother Earth (honoringmother...)

# Cree and Blackfoot Tipi's



# We Can Bead!

Nadine McSpadden



# At the Pond

Comparing Numbers

Jane Gould

# In the Garden

Comparing Numbers

Jane Gould

## At The Pond

Lesson Plan



TO PLACE YOUR ORDER OR FOR MORE INFORMATION,  
[nelson.com/mathematicsreaders](http://nelson.com/mathematicsreaders)

NelsonSchoolCentres  
 @NelsonSchools

NELSON

# In the Garden

Comparing Numbers

Jane Gould

# Muddy, Muddy Mess

Written by  
James Burnett  
and Calvin Irons



A book about 3D Objects and 2D Shapes

# Helping students to count by representing, describing, relating and comparing using Cuisenaire Rods

Activities to engage the learner

# Thank You

Do not hesitate to reach out for anything you might need.

Chris Zarski  
czarski@carcpd.ab.ca  
780 817 1686

