
Late Numeracy Assessment

Presented by Jen Barker

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Contact Info:

Email: barker_jennifer@surreyschools.ca

Twitter: @Barkerjbarker

Website: www.meaningfulmathmoments.com

Guiding Principles

How can we identify the student's strengths in numeracy?

What do they know and understand?

How can we identify the learning gaps?

How can we support the learning?

Concepts	Instructions	Supporting activities
Mathematical Awareness <ul style="list-style-type: none">Understanding the value of numbers	Explain that the value of a number is determined by its position in the number system.	How can we help the 20th-century child in this area? <ul style="list-style-type: none">Use base ten blocks, number lines, place value charts, etc. to help students understand the value of numbers.Use real-world examples, such as money, to help students understand the value of numbers.Use games, such as "Place Value War", to help students understand the value of numbers.
Number Sense <ul style="list-style-type: none">Understanding the relationship between numbersUnderstanding the relationship between numbers and operations	Explain that numbers are related to each other and that operations can be used to find the relationship between numbers.	How can we help the 20th-century child in this area? <ul style="list-style-type: none">Use number lines, place value charts, etc. to help students understand the relationship between numbers.Use real-world examples, such as money, to help students understand the relationship between numbers.Use games, such as "Number Sense War", to help students understand the relationship between numbers.
Place Value Understanding <ul style="list-style-type: none">Understanding the relationship between numbers and place value	Explain that the value of a number is determined by its position in the number system.	How can we help the 20th-century child in this area? <ul style="list-style-type: none">Use base ten blocks, number lines, place value charts, etc. to help students understand the value of numbers.Use real-world examples, such as money, to help students understand the value of numbers.Use games, such as "Place Value War", to help students understand the value of numbers.
Number and the Number System <ul style="list-style-type: none">Understanding the relationship between numbers and operations	Explain that numbers are related to each other and that operations can be used to find the relationship between numbers.	How can we help the 20th-century child in this area? <ul style="list-style-type: none">Use number lines, place value charts, etc. to help students understand the relationship between numbers.Use real-world examples, such as money, to help students understand the relationship between numbers.Use games, such as "Number Sense War", to help students understand the relationship between numbers.

What's Really Important

Rephrase the questions

Provide response time

Model for clarification but not for teaching

Give adequate wait time

Be responsive... Move on if its evident it is a struggle



Mathematical Awareness

Skip Counting

Oral Skip Counting

Place Value Counting Patterns

Read and Write Numbers Through Hundreds

Compare and Order Numbers to 1000

Representing Numbers

Mental Math Strategies

Addition and Subtraction to 1000

One-step Addition and Subtraction

Problem Solving

Multiplication

Division

Fractions (parts of a region)

Fractions (parts of a set)

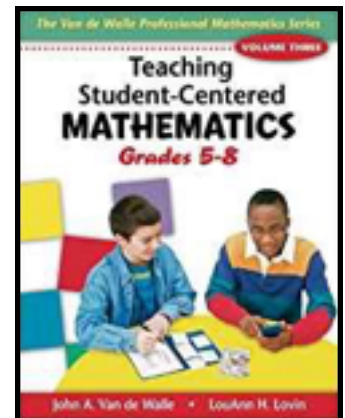
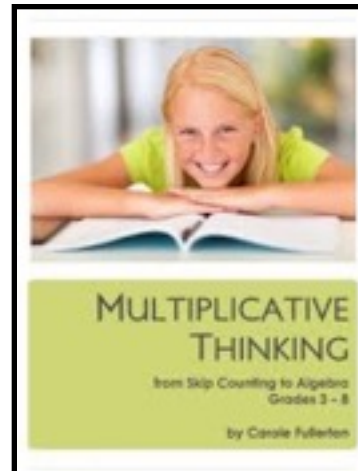
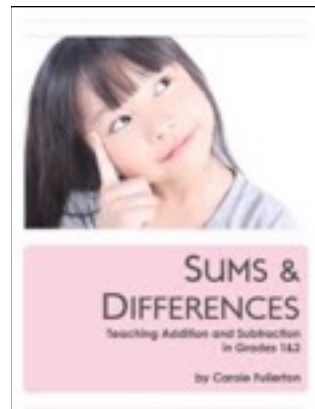
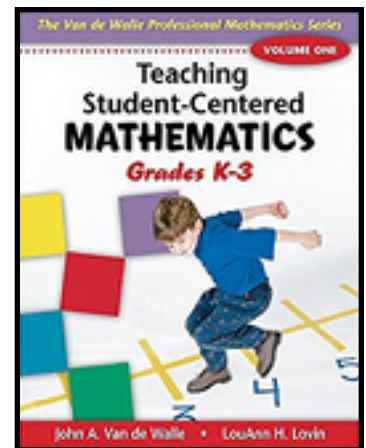
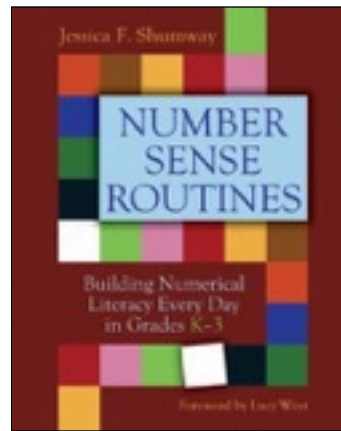
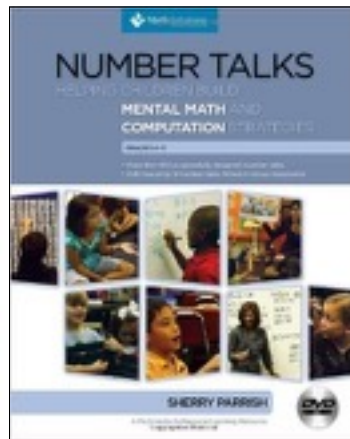
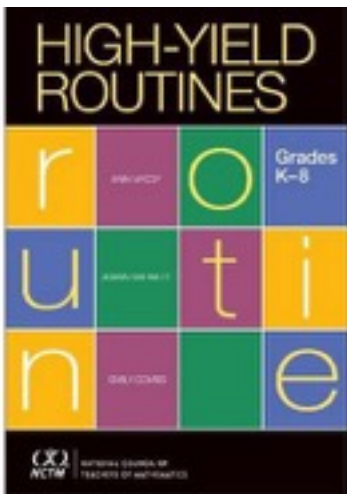
Fractions (part of a linear region)

Increasing and Decreasing Patterns

Measurement - Standard Units

Geometry - 3D Shapes - Vertices, Faces, Edges

KEY RESOURCES:



NOTES: