RE-ASSESSMENT 7

Finding Each Student's Pathway

SAMPLE MATERIAL INSIDE

FINDING EACH STUDENT'S PATHWAY

Math Pre-Assessment is a uniquely designed resource to help educators understand and customize each student's math education. The resource is developed by a team of expert math educators and backed by research. *Math* Pre-Assessment enables educators to compare a student's math understanding to their curriculum, identify gaps in understanding and ensure each student is ready for new curriculum material all with this easy to use assessment tool.

Each pre-assessment is created from a **DEVELOPMENTAL TRAJECTORY**. These developmental trajectories are research-supported pathways that students go through to understand mathematics concepts and skills as they move along a learning continuum.

Developmental Trajectory

Key Features

- Provides the developmental trajectories to give a whole picture of math development from grade 1–6.
- Assesses whether students have the procedural knowledge and conceptual understandings for the grade specific curriculum.
- Pre-assessments identify where a student is on the developmental trajectory.
- Includes next steps for instruction, gap closing or intervention.
- Tracking tools are provided to keep a record of student readiness.





Financial literacy is the basis for making responsible decisions about money, and considering the impact the decisions have on oneself and on others.

Represent Rational Numbers

Compare and Order Rational Numbers

The trajectory items for the given grade are highlighted.

Answering The Question: "Are My Students Ready?"

Digital access



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ANALYSIS CHART



NEXT STEPS Provide experience: • exploring the meaning of 0 in contexts with positive and negative numbers, such as bank balances, golf scores, temperatures, and floors above	Provide experience: suggestions for scaffolding understanding of concepts and skills identified in the question.
 and below ground level Provide experience: locating positive and negative integers on an integer number line and discussing how 0 acts as a bridge modelling integers with 2-colour counters and discussing why it is impossible to show 0 with just one colour 	
Provide experience: modelling integers with integer counters	Recommended intervention.
Provide experience: edermining several different ways to model the same integer with 2-colour counters and discussing how adding or taking away +/- pairs maintains the value	Student has partial understanding and small gaps.
 Provide experience: researching examples of integers online and representing them on number lines or with integer counters 	Student is ready to learn the trajectory item.
After the lesson or unit that follows this pre-assessment, use Exit Ticket "Representing Integers" to assess whether students can successfully represent integers in different ways.	
	Use Math Exit Tickets to check for understanding after the lesson.

Math Pre-Assessment Order Information

Title	ISBN	
Math Pre-Assessment Grade 1		
Book + Online Teaching Centre (Ontario)	9780176830892	
Book + Online Teaching Centre (WNCP)	9780176833497	
Book + Online Teaching Centre (BC)	9780176833558	
Math Pre-Assessment Grade 2		
Book + Online Teaching Centre (Ontario)	9780176830908	
Book + Online Teaching Centre (WNCP)	9780176833503	
Book + Online Teaching Centre (BC)	9780176833565	
Math Pre-Assessment Grade 3		
Book + Online Teaching Centre (Ontario)	9780176830915	
Book + Online Teaching Centre (WNCP)	9780176833510	
Book + Online Teaching Centre (BC)	9780176833572	
Math Pre-Assessment Grade 4		
Book + Online Teaching Centre (Ontario)	9780176830922	
Book + Online Teaching Centre (WNCP)	9780176833527	
Book + Online Teaching Centre (BC)	9780176833589	
Math Pre-Assessment Grade 5		
Book + Online Teaching Centre (Ontario)	9780176830939	
Book + Online Teaching Centre (WNCP)	9780176833534	
Book + Online Teaching Centre (BC)	9780176833596	
Math Pre-Assessment Grade 6		
Book + Online Teaching Centre (Ontario)	9780176830946	
Book + Online Teaching Centre (WNCP)	9780176833541	
Book + Online Teaching Centre (BC)	9780176833602	
Math Pre-Assessment Grade 7		
Book + Online Teaching Centre (Ontario)	9780176903992	
Math Pre-Assessment Grade 8		
Book + Online Teaching Centre (Ontario)	9780176904005	





