PRE-ASSESSMENT1

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.



The operations of addition. subtraction. multiplication, and division are interrelated. Financial literacy is the basis for making responsible decisions about money, and considering the impact the decisions have on oneself and on others.

The trajectory items for the given grade are highlighted.

Answering The Question: "Are My Students Ready?"



| | Do | ite |
|--|----|--|
| | - | |
| | | NOTES/OBSERVATIONS |
| counters. | < | representing to 10 |
| nber 4 on a 5-frame. | | |
| nes with 4 counters on display. a 10-frame. e number? How do you know? | | |
| f counters. Use the counters to fill a re on the 5-frame? How many red low many blue counters are on the | < | decomposing 5 |
| ent way. | | |
| | | |
| of counters. Fill the 10-frame with | < | decomposing 10 |
| i 0. What happens if you use only do you show? | | |
| tes. Put the counters on the plates. th plate? Show other ways to do ers altogether change? How do ow 7 and 0, ask them to show 7 ow many counters are on the other s up to 10. | < | decomposing to 10 |
| . Write and show the number 8. number. How many cubes do you id you use? How many yellow | | |
| different ways. | | MATERIALS |
| | | 5-frames,10-frames counters |
| ibers up to 10. | | paper plates linking cubes |
| | | |
| 2 | | NEL |



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 | | |





