

# Activity Counts Reference Document >>>

## Ontario Math Curriculum 2020



The following document has been prepared to identify how the Activity Counts resource can be easily linked to specific strands in the Ontario Curriculum Grades 1-8: Mathematics, 2020.

**Note:** The Activity Counts resource has been developed to support student learning across the Primary and Junior divisions.

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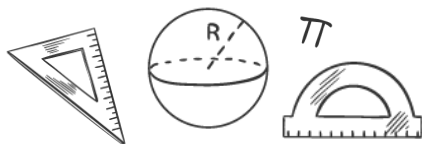
### About the Resource

Activity Counts provides engaging math games and activities that promote mathematical learning, physical activity and student well being. The interactive, game-based learning structures will engage students in different ways and foster a positive “I can do math” attitude.” This aligns with the Ontario Math Curriculum (2020) vision to “support students’ understanding of mathematical knowledge, concepts, and skills and foster their overall well-being and ability to learn while helping them build resilience and thrive as mathematics learners.” Learning through collaborative games provides, “a safe, positive, and inclusive learning environment, where all students feel valued, empowered, engaged, and able to take risks and approach the learning of mathematics in a confident manner.”

### Connections to Social-Emotional Learning (Strand A)

This strand focuses on the development and application of social-emotional learning (SEL) skills while using mathematical processes. These skills support students’ understanding of mathematical knowledge, concepts, and skills and foster their overall well-being and ability to learn while helping them build resilience and thrive as mathematics learners. As they develop SEL skills, students demonstrate a greater ability to understand and apply the mathematical processes, which are critical to supporting learning in mathematics. In all grades of the mathematics program, the learning related to this strand takes place in the context of learning related to the other five strands and is assessed and evaluated within these contexts.

Through the collaborative games and activities in Activity Counts, which address multiple strands, students can gain, “social-emotional learning skills [that] help [them] develop confidence, cope with challenges and think critically.” Skills developed through Activity Counts can support students’ ability to identify and manage emotions, maintain positive motivation and perseverance, build relationships, communicate effectively, and think critically and creatively. Ophea’s cross-curricular Activity Counts resource provides opportunities for students to practice and build these skills through helping to achieve both Math and Health and Physical Education curriculum expectations.



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### Activity Links to Curriculum Math Strands

Activity Title	2005 Math Strand	2020 Math Strand
Bank Bonanza	Number Sense & Numeration	Financial Literacy
Dice Bump	Number Sense & Numeration	Number
Greater Than, Less Than	Number Sense & Numeration	Number
Pick A Card	Number Sense & Numeration	Number
Take Your Base	Number Sense & Numeration	Number
Operation Run	Number Sense & Numeration	Number
Odds and Evens	Number Sense & Numeration	Number
Math Movers	Number Sense & Numeration	Number
Hop-eration	Number Sense & Numeration	Number
Fraction Frenzy	Number Sense & Numeration	Number
Bowling For Fractions	Number Sense & Numeration	Number
Time Warp	Measurement	Spatial Sense
Shape Up	Measurement	Spatial Sense
Pump Up The Volume	Measurement	Spatial Sense
Order Up	Geometry & Spatial Sense	Spatial Sense
Where Are You?	Geometry & Spatial Sense	Spatial Sense
Transformational Boogie	Geometry & Spatial Sense	Spatial Sense
Mirror Mirror	Geometry & Spatial Sense	Spatial Sense
Stretchy Math	Geometry & Spatial Sense	Spatial Sense
Twister Math	Geometry & Spatial Sense	Spatial Sense
Move To The Pattern	Patterning & Algebra	Algebra
Keep Your Balance	Patterning & Algebra	Algebra
Forehead Fun	Patterning & Algebra	Algebra
Sort It Out	Data Management & Probability	Data
Rock Paper Scissors Probability	Data Management & Probability	Data
Tell Me What You Mean	Data Management & Probability	Data
Chart Your Course	Data Management & Probability	Data

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