

## 2020-2021 TCDSB PROFESSIONAL LEARNING PLAN

## K-8 NUMERACY

BLIP Goal(s)	Central Department Initiative	Details and Timeline	Grades	# of schools	# of teachers /school	# of Days /teacher	Total # of Days
<b>ONGOING</b>							
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	Principal Meetings (K-8) Support	Support the Principal in the emerging role as Instructional Leader, to support the engagement of staff, and to support PD development ideas.  <b>Timeline: October - June</b>	K-8	169			0
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>All schools</b> <b>Pre-Recorded Professional Learning Modules</b>  Participants: Teachers in Grade 1 to Grade 8	<b>Professional Learning Modules (posted to Numeracy K-8 Portal)</b> Investigate and incorporate tools and high-impact pedagogical practices for synchronous and asynchronous learning that increases student engagement, student achievement and supports assessment for, as and of learning through a series of webinars. - Introduction to the 2020 Math Curriculum - Financial Literacy (Grades 4 -8 ) Unpacking the 'new' strand. - Digital Modelling - How to use digital tools to show different models  <b>Timeline: September to December</b>	K-8	169	all K-3 teachers		0
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>All schools</b> Zorbits - Virtual Sessions for Primary teachers both on-demand videos and live sessions with be offered.  -support for ELL and Special Ed. students are required.	Sessions will include how to use the various tools and teacher dashboard to support Assessment For and As learning. Sessions for beginner, Intermediate and Advanced learners will be offered.  <b>Timeline: October to June</b>	K-3	169	all K-3 teachers		0
<b>SEPTEMBER - DECEMBER</b>							
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>Increased and Intensive Support Schools</b> Mathology - Live Virtual Sessions for Primary teachers both on-demand videos and live sessions.  - support for the 60 schools that purchased this resource.	Sessions will include how to use the various tools to support the teaching and learning of Mathematics using Mathology. Sessions will focus on "Assessment For" opportunities and how these resources align with 2020 Math curriculum.  <b>Timeline: October - December</b>	K- 3	60	all K-3 teachers		0
<b>JANUARY - JUNE</b>							
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>All schools</b> Financial Literacy - Virtual Sessions for Grade 4 -8 teachers both on-demand and live.	Sessions will include Financial Literacy lesson planning considerations, exploration of possible resources (i.e., MyBlueprint, etc.) and assessment opportunities.  <b>Timeline: January - June</b>	4-8	169	all grade 4-8 teachers		0
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>All schools</b> Coding - Virtual Sessions grouped by grade (1/2, 3/4, 5/6) for teachers	Sessions will include Coding fundamentals as well as exploring tools (eg. Scratch, Microbits). to teach coding in order to meet the expectations in the 2020 Math curriculum.  <b>Timeline: January - June</b>	1-6	169	all grade 1 - 6 teachers		0
B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<b>All schools</b> Mathematical Modelling - Virtual Sessions for K- 8 teacher both on-demand and live sessions.	Sessions will explore Mathematical modelling, task creation and effective use of tasks and models with students. Sessions will focus on Assessment For opportunities.  <b>Timeline: January - June</b>	1 - 8	169	All Grade 1 - 8 Teachers		0

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	B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Primary and Junior Math	<p><b>Increased and Intensive Schools</b> Professional Learning Cycle opportunities for teachers to further investigate :</p> <ul style="list-style-type: none"> <li>- Coding</li> <li>- Financial Literacy</li> <li>- Mathematical Modelling</li> </ul> <p>Opportunities to explore these topics in Divisional groupings</p> <p>All schools will receive 3 code days per cycle Intensive support schools will receive an additional 2 days for co-teaching Increased support schools will receive an additional 1 day/cycle for co-teaching</p>	<p>Sessions will explore knowledge and tools needed to teach these new areas of the 2020 Mathematics Curriculum. Opportunities to co-plan and co-teach lessons will be involved with these series of 3 sessions.</p> <p><b>Timeline: January - June</b></p>	1-8	40	3	3	<b>360</b>
	B. CURRICULUM, TEACHING AND LEARNING: A FOCUS ON ASSESSMENT PRACTICES Intermediate Math	<p>Professional Learning Network with co-teaching, co-planning and reflection of practices.</p> <p>Participants: Teachers in Grades 7-8 (<b>Code days come from Student Success</b>) Code Days Allocation: 6 Intensive Secondary Schools 11 Increased Support Secondary Schools 4 Elementary feeder schools each Two teachers from each school</p> <p>Support the transition from Elementary to Secondary</p>	<p><b>Mathematics Curriculum (2020): Develop the knowledge and tools needed by teachers to implement and support new curriculum expectations in Coding.</b></p> <p><b><i>Tentative plan: two group sessions for intensive and increased support schools plus two additional days for in-school support.</i></b></p> <p><b>Timeline: January to June</b></p>	7&8	68	2	3	<b>408</b>
	D. SCHOOL AND CLASSROOM LEADERSHIP: PROFESSIONAL LEARNING, COLLABORATION, AND ENGAGEMENT Inquiry-based professional learning and teacher involvement	<p>Assessment For and As Learning PLC Support</p> <p>Participants: Principals (Grades 4-8)</p>	<p>Assessment for and as learning (KnowledgeHook PLC): Supporting Principals as an instructional leader by providing support in the implementation of the Knowledgehook PLC. Also, use Zorbis school data to enhance this process with K-3 data.</p> <p><b>Timeline: January to June</b></p>	4-8	40	0	0	<b>0</b>