

# St. Andrew School PROFESSIONAL LEARNING FORM TEMPLATE



**Principal Name:** Monica Rohel

**Vice Principal(s):** Raffaella Gallo

**Superintendent Name:** Area 1 - Flora Cifelli

**FOCUS GROUPS** - Groups within the school who require additional support  
We will focus on moving students in each class (gr. 1 to gr. 8) who scored between 2.1-3.1 on EQAO, or students who achieved a stanine 4, 5, or 6 on CAT-4 testing.

**URGENT CRITICAL LEARNING NEED** - Schools have many learning needs. This is the most urgent and critical learning need that will be addressed this year.  
The urgent critical learning need is bridging gaps in Mathematics for students who are learning English as a Second Language and who come to us with limited prior schooling or gaps in their education, as well Math achievement for our students who have an Individual Education Plan in Mathematics.

**SMART GOAL** - School goal for student learning that school will focus on achieving throughout the year.  
There will be an increase of 2% in Mathematics in our grade 3 EQAO results (based on grade 2 CAT-4 data and our EQAO trend data).  
There will be an increase of 3% in Mathematics in our grade 6 EQAO results (based on our EQAO trend data).

## REQUIRED PROFESSIONAL LEARNING

**STAFF PROFESSIONAL DEVELOPMENT CRITICAL NEED** - In order to address the student urgent critical need of the school and to work toward the school's SMART goal, the following professional development is required.

For K-8: focus on Assessment for, as, and of learning in the professional learning in all of our divisions (Primary, Junior, Intermediate)

**Kindergarten:**

- use of Mathology in our Kindergarten Classrooms and as a focus in our PD work (with teachers and ECE's), with the support of our Math Facilitator
- building the Math content knowledge of teachers in the area of Number Sense and Numeration
- gap-closing in our Kindergarten classes, especially in the area of Number Sense and Numeration

**Grades 1 and 2:**

- building the Math content knowledge of teachers in the area of Numeration strategies and how the strategies can be applied to the other strands (e.g., Measurement, Data Management and Probability, etc.)
- gap-closing in our Grade 1 and Grade 2 classes, especially in the area of Number Sense across the Math Curriculum

**Gr. 3-5:**

- gap-closing in our grade 3 to grade 5 classes, especially in the areas of Measurement and Geometry
- building the math content knowledge of teachers related to Measurement and Geometry
- linking the use of Coding and Robotics to the teaching and learning of Measurement and Geometry (e.g., Spatial Sense - location and movement)

**Gr. 6:**

- use of Binogi and implementation of the Binogi Pilot project in our grade 6 classes, as it relates to Mathematics
- use of the Binogi videos as a way to incorporate a variety of visuals and modalities
- continue focus on the use of "Problem Criteria" when "Understanding the Problem" during problem solving

**PROFESSIONAL DEVELOPMENT PLAN** - Professional learning topics that will be undertaken by staff throughout the year.

**Kindergarten** - Use of Mathology in the Kindergarten classes, with a focus on Number Sense strategies (1st full day: Jan. 14, 2019; further dates to be determined)

- building the Math content knowledge of teachers in the area of Number Sense and Numeration
- our Math Resource Teacher and Math Facilitator will support us

**Grade 1-2** - building the Math content knowledge of teachers in the area of Numeration strategies (1st half day: Nov. 7, 2018; 2nd date: Dec. 6, 2018)

- our Math Resource Teacher and Math Facilitator will support us

**Gr. 3-5** -gap-closing in our grade 3 to grade 5 classes, especially in the areas of Measurement and Geometry

-building the Math content knowledge of teachers related to Measurement and Geometry  
-linking the use of Coding and Robotics to the teaching and learning of Measurement and Geometry (e.g., Spatial Sense - location and movement) (1st half day - Nov. 7, 2018; remaining dates to be determined)

-our Math Resource Teacher will support us

**Gr. 6** - Binogi Pilot Project, focussed on Mathematics (1st date: Oct. 18, 2018; remaining dates to be determined)

-our Math Resource Teacher, Math Facilitator, and English as a Second Language Resource Teacher will support

**Gr. 7-8 SSLN** - Focus on Assessment in Mathematics; (1st date: Mon. Oct. 29, 2018; 2nd date: Dec. 4, 2018; remaining dates to be determined)

-the Math (gr. 7-12) Resource Teacher will support us, as well as our Math Coach

STEAM (Science, Technology, Engineering, Arts, Math) Learning from Kindergarten to 8, including a focus on Coding and Robotics and How it Relates to Mathematics (2 sessions for teachers - Oct. 5th P.A. Day and a 2nd date in Jan. 2019); Assistive Technology learning, specifically the use of "Read and Write"

#### M. PROFESSIONAL DEVELOPMENT PLAN FOR USE OF YOUR ASSIGNED CODE DAYS

What is your PD plan? When will you do PD? What PD will you do? Who will support your PD? What other professional learning is occurring outside of CODE days?

Eg. On Nov 4, staff will begin a professional learning cycle focused on assessment addressing UCLN, with support from central staff

**Kindergarten** - Use of Mathology in the Kindergarten classes, with a focus on Number Sense strategies (1st full day: Jan. 14, 2019; further dates to be determined)

-building the Math content knowledge of teachers in the area of Number Sense and Numeration

-our Math Resource Teacher and Math Facilitator will support us

**Grade 1-2** - building the Math content knowledge of teachers in the area of Numeration strategies (1st half day: Nov. 7, 2018; 2nd date: Dec. 6, 2018)

-our Math Resource Teacher and Math Facilitator will support us

**Gr. 3-5** -gap-closing in our grade 3 to grade 5 classes, especially in the areas of Measurement and Geometry

-building the Math content knowledge of teachers related to Measurement and Geometry  
-linking the use of Coding and Robotics to the teaching and learning of Measurement and Geometry (e.g., Spatial Sense - location and movement) (1st half day - Nov. 7, 2018; remaining dates to be determined)

-our Math Resource Teacher will support us

**Gr. 6** - Binogi Pilot Project, focussed on Mathematics (1st date: Oct. 18, 2018; remaining dates to be determined)

-our Math Resource Teacher, Math Facilitator, and English as a Second Language Resource Teacher will support

**Gr. 7-8 SSLN** - Focus on Assessment in Mathematics; (1st date: Mon. Oct. 29, 2018; 2nd date: Dec. 4, 2018; remaining dates to be determined)

-the Math (gr. 7-12) Resource Teacher will support us, as well as our Math Coach

STEAM (Science, Technology, Engineering, Arts, Math) Learning from Kindergarten to 8, including a focus on Coding and Robotics and How it Relates to Mathematics (2 sessions for teachers - Oct. 5th P.A. Day and a 2nd date in Jan. 2019);