

ST. ISAAC JOGUES CATHOLIC. SCHOOL
2019-2020 PROFESSIONAL LEARNING FORM

Principal Name: Carol Ann LeMoine

Superintendent Name: Area 4 - Cristina Fernandes

URGENT CRITICAL LEARNING NEED

- Students will develop and improve additive reasoning (i.e., the relationships between the operations of addition and subtraction.)

SMART GOAL

- ***By May 2020, 75% of all marker students will increase their use of and sophistication with mathematical models in additive reasoning.***
- After the initial common task, 3-4 students per class will be monitored using Common Tasks and the Criteria for Analysis Tracker to determine if students are progressing along the additive reasoning continuum.
- Students' increasing use and sophistication of models, will be measured and compared against previous common tasks at three points during the year.

STAFF PROFESSIONAL DEVELOPMENT CRITICAL NEED

- Staff will engage in professional learning to further develop their understanding of connected number theory to address the needs identified by the Common Task.
- The focus will be on the inverse relationship of addition and subtraction and on mathematical models (i.e., open number line, decomposition, and part(s)/whole relationships).

PROFESSIONAL LEARNING PLAN

September

- school-wide common assessment
- SIT meeting to review last year's goals and this year's data including EQAO, CAT/4 and Math Up common task assessments
- Area 4 SITs - off-site day of professional learning

October

- PA Day - professional learning to analyze the common task assessments using the Math Up 'Criteria for Analysis Tracker and determine future professional learning focus

December

- PA Day - professional learning on connected number theory with a focus on addition and subtraction and mathematical models including open number lines and decomposition

January/February

- SIT meeting to plan professional learning
- Professional learning sessions - $\frac{1}{3}$ day to explore connected number theory with a focus on addition and subtraction and mathematical models including open number lines and decomposition
- Re-administer common task assessment and continue monitoring marker students
- Professional learning session - $\frac{1}{3}$ day to analyze the mid-point assessment and continue professional learning

March/April

- Continue monitoring
- As requested: code days available to grade partners to co-plan and co-teach

May/June

- Final common task assessment and analysis
- PA day - assess data and plan for 2020-2021