

NUMERACY AT LEILA NORTH

Teachers support numeracy growth with:

- Math centers
- Math games
- Cross-curricular projects
- Problem solving
- Mental math
- Online tools
- Vertical learning spaces
- Etc.

Discovering Math Everywhere

Incorporating outdoor activities into lessons this year has been more important than ever. This term, while learning about acute, obtuse, right, and flat angles, the students in room 19 enjoyed some time out-

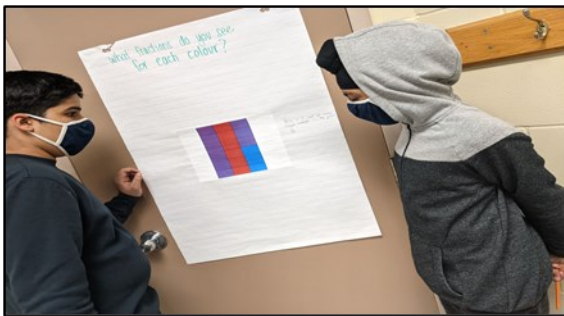
side the school and searched for these angles in their environment. In groups they circled the school and took photos of the angles they identified and located. These photos

were then put together into a Slide presentation where we were able to identify them all together as a class. Look at some of the photos taken! Can you identify the angles found within them?



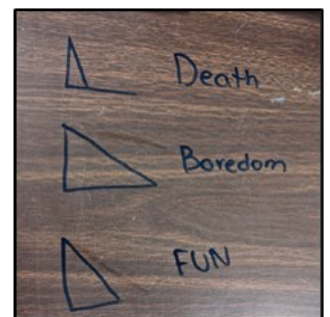
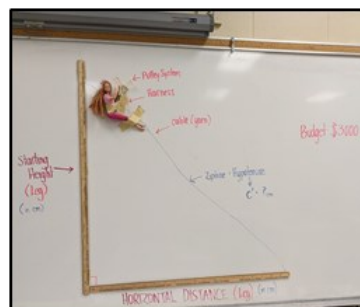
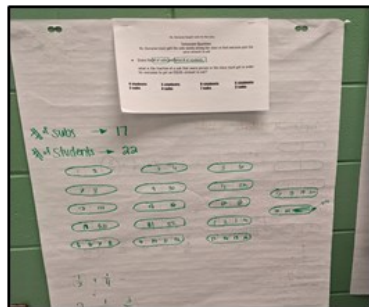
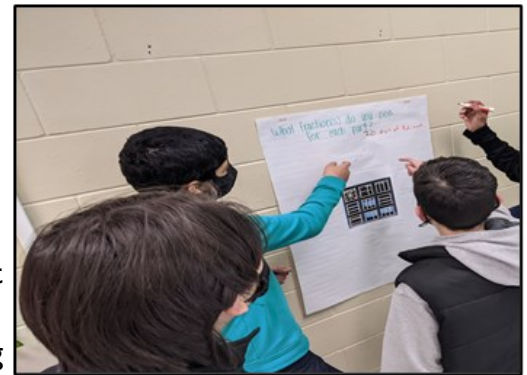
Vertical Space Learning

Throughout this year, Room 18 has been learning different strategies to find solutions to problems using mathematical thinking. Ms. Dumaran's grade 7/ 8 class has been using "Vertical Learning Spaces" to apply and communicate their mathematical thinking and ideas. Chart papers are hung up around the room with a variety of problem-solving prompts that follow the theme of their most recent math unit. With a partner, students walk around the room to each station and work towards finding



“you cannot be the person writing down your solution on the chart paper if you are the one sharing your thinking.”

a solution to the given prompt. The challenge is: you cannot be the person writing down your solution on the chart paper if you are the one sharing your thinking. This means the person sharing their strategy or solution must be mindful about how they are communicating their mathematical thinking



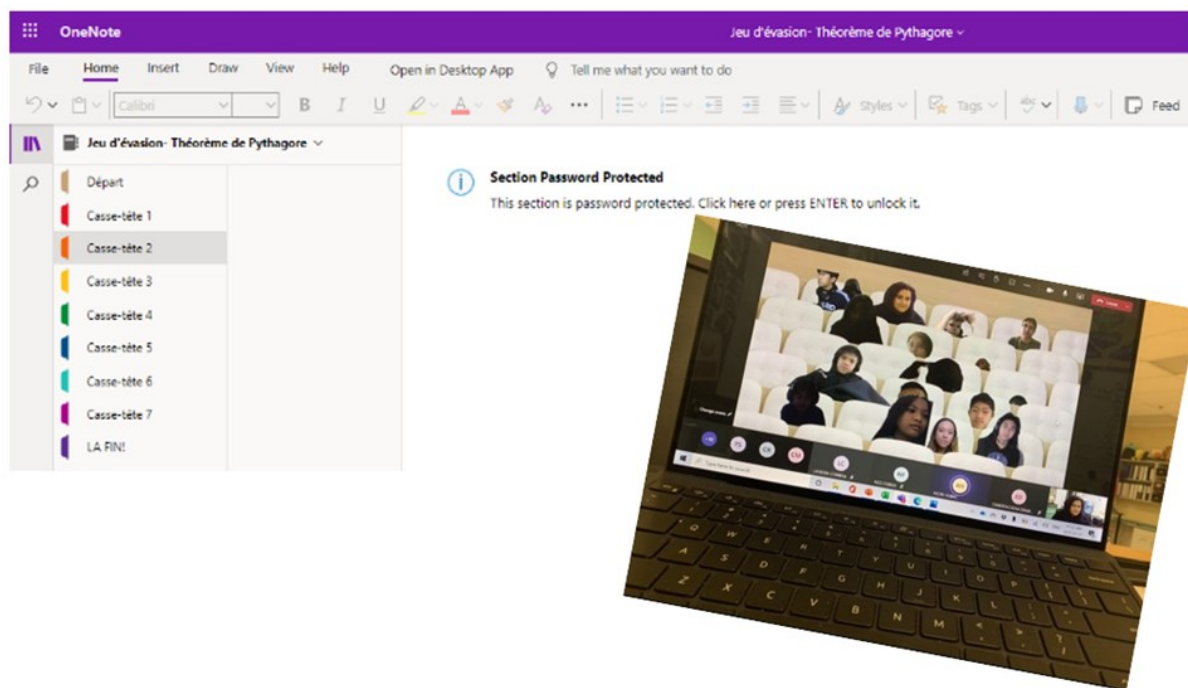
Virtual escape rooms, it's all about the math!

Teaching mathematics at the best of times, during a pandemic or not can be a challenge. It's every teacher's focus: How can one make math engaging for students? During the pandemic the students have become technological gurus in applications linked to social media but, if there is one other skill they have gained for themselves over the course of this last year, it's been how to navigate the world of online learning. We have made incredible expectations for our students to thrive and remain engaged when we are tired, and screen fatigued. Upon the necessity to go into remote

learning just after Christmas, we are met again with the same challenges: how to teach math in a fun and interactive way when we are separated by a screen? In room 34, they successfully switched over to an online platform for all studies in an application called OneNote, to go basically paperless. The possibilities within applications are endless, and in this instance, the class explored mathematics in a completely different way by attempting to navigate through a virtual escape room using math to solve puzzles and use the answers to proceed to the next level. The students

were broken up into groups (online) and there, they proceeded to have incredible math talks about what steps needed to be followed to get the right answer, all over Google Meet and from the safety of their own homes. It was a race between groups and in the end, they all were winners! They worked together in teams and they were all able to share their strengths to succeed together! It was such a success that the students just raced to get through their second escape room that was all about the Pythagorean theorem!! Bravo les élèves!!

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We're on social
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Classes at work applying their numeracy skills:

