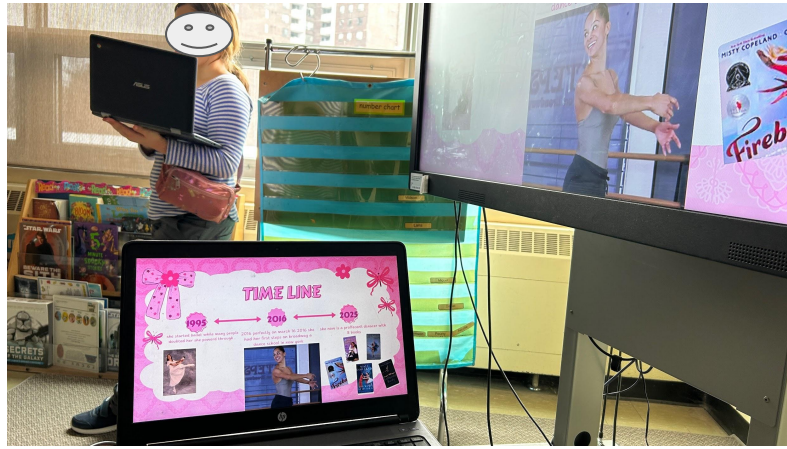
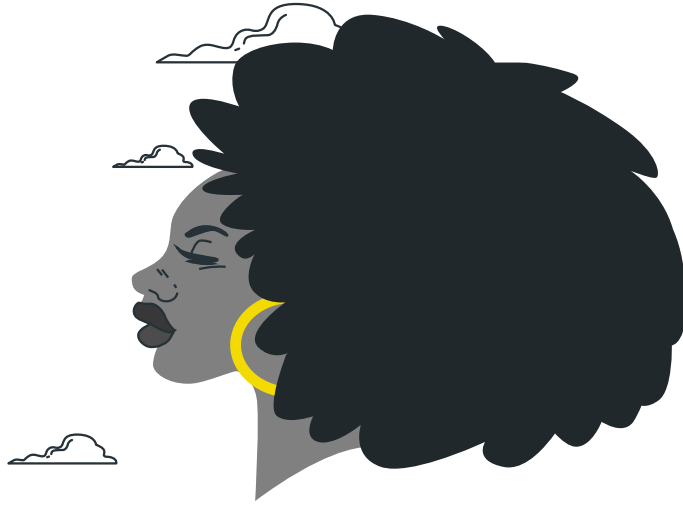


4/5B Yu

In February, we celebrated Black History Month, their successes and many individuals who were the “firsts” at their pursuits such as Jackie Robinson, Willie O’Ree, Barbara Howard, and many more.

In language, students chose a famous Black individual before conducting their own research notes, compiling a slide deck, and writing a script for their oral presentation.

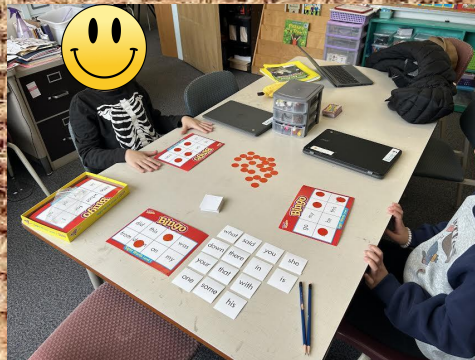
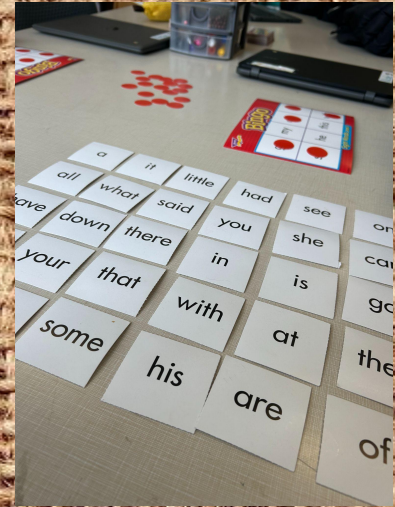






# ESL

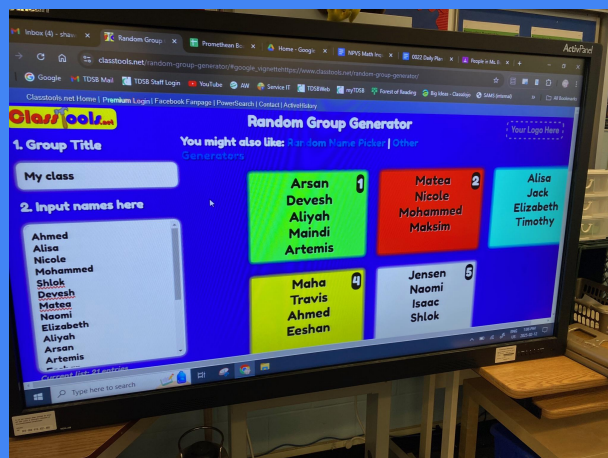
In our **ESL class**, students have been actively engaging in a variety of activities to improve their language skills and build confidence in speaking, reading, and writing. To make learning new words fun, we've been playing games like word bingo and matching activities to enhance our vocabulary and retention.



Students are making excellent progress, and it's been wonderful to see them gain more confidence with each lesson. We're looking forward to more exciting activities in the coming weeks!

# Library

In an effort to increase knowledge mobility and foster more collaborative classrooms at Muirhead, students from Mr. Buckler's class were given an open ended question for them to engage in deeper level thinking together. They were asked to generate as many different ways a robot could move through a grid to get to a charging station.



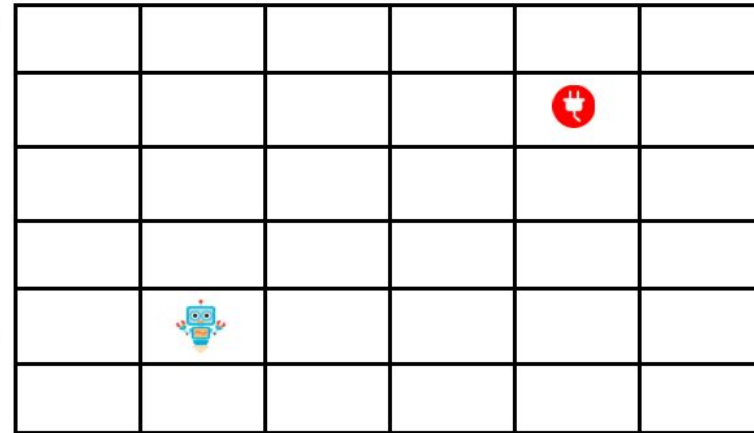
How many **unique** ways can you write an **algorithm** to get the robot to the charging station?

Your robot understands  
4 Commands:

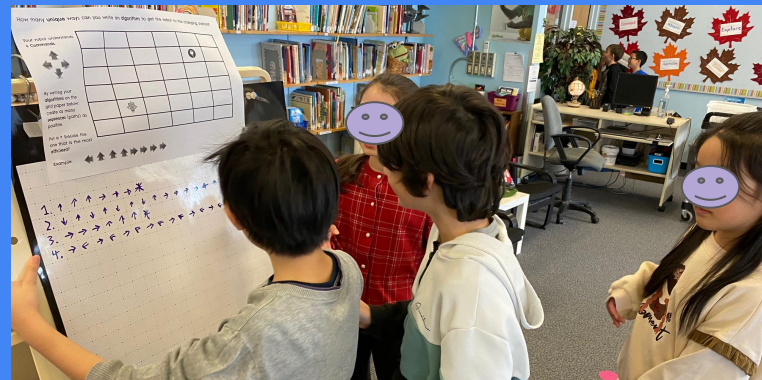


By writing your  
**algorithms** on the  
grid paper below:  
create as many  
**sequences** (paths) as  
possible.

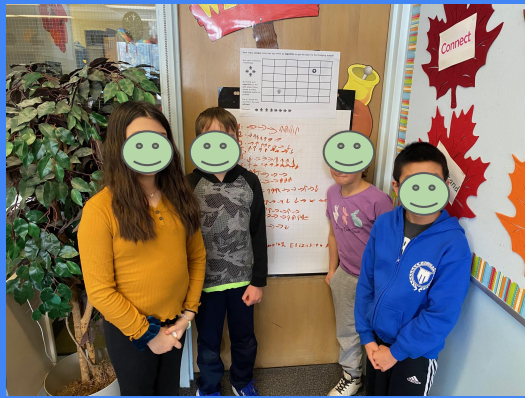
Put a \* beside the  
one that is the most  
**efficient**?



Example:

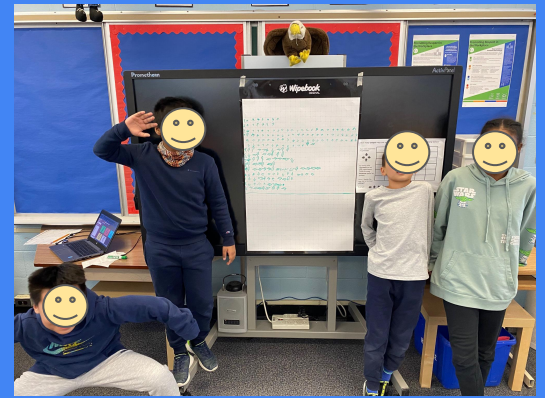




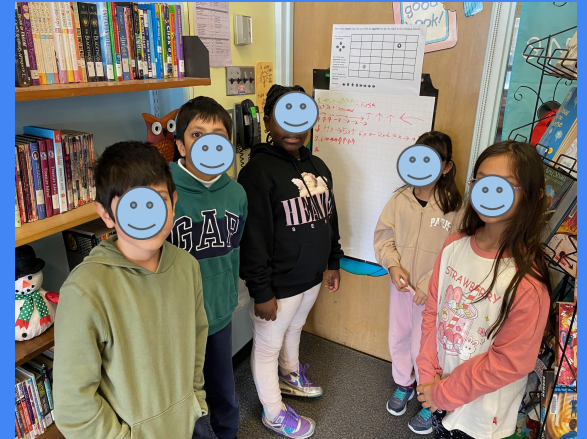


# Library

After being randomly assigned, students immediately took to the task and worked together coming up with not only possible paths but also strategies that could maximize the number of routes the robot could take.



They realised that sending the robot on a 20 or 30 step sequence used “too much time” to complete the algorithm. Instead, they recognised that creating more ‘efficient’ paths and modifying one or two steps of the same path would be the best way to generate the most ‘unique’ ways the robot to get to the charging station.



# TRAVELLING FOR MARCH BREAK? STAY UP-TO-DATE WITH YOUR MEASLES VACCINES BEFORE YOU GO



2 doses of the MMR vaccine are recommended if born in 1970 or later.



Children get their 1st dose after they turn 1 and their 2nd dose at 4-6 years old.



Infants 6-11 months can get a dose if travelling.



Adults born before 1970 who are unsure if they had measles or were vaccinated can get an MMR dose.

Travelling for **March Break**? **Measles** is just a plane ride away.

Measles continues to spread in many parts of the world and in Canada. If you are planning to travel over March Break, get the best protection for you and your loved ones by staying up-to-date with your routine vaccines, including the measles vaccine.

These vaccines are available from your health care provider or at a Toronto Public Health (TPH) community clinic for school-aged children, by appointment. Visit [TPHbookings.ca](http://TPHbookings.ca) for more information.

If you are unsure of your child's vaccination status, check their yellow card (Ontario Immunization Record), TPH's Immunization Connect Ontario (ICON) or by speaking with their primary health care provider.

To learn more, visit [toronto.ca/immunization](http://toronto.ca/immunization). Questions? Contact TPH at [publichealth@toronto.ca](mailto:publichealth@toronto.ca) or **416-338-7600**, Monday to Friday from **8:30 a.m. to 4:30 p.m.** for more information. Service is available in **multiple languages**.