Dear Parents/Guardians of students entering Grade 1 in September 2020,

This summer, your child will continue to build a strong foundation in core mathematical skills using IXL. Due to the adjustment in teaching and learning this spring, it is more imperative than ever before that students complete the Summer Bridges Assignment. The assignment has been crafted to preserve age-appropriate basic math skills.

Five IXL skills in your child’s new grade level have been selected. **To help prevent summer slide, please encourage your child to earn a minimum SmartScore of 80 OR attempt at least 15 problems in each topic.** In addition to the IXL topics, please review the attached vocabulary words to help reinforce the vocabulary that was learned in kindergarten.

This year we are adding a diagnostic portion to the Summer Bridges Assignment. The diagnostic is an adaptive assessment tool that will help identify learning gaps due to COVID-slide. **It is recommended your child complete a minimum of 30 diagnostic problems over the summer.** Please encourage your child to complete these problems on their own.

**Summer work should be completed and submitted no later than September 23, 2020.**

The following Grade 1 skills have been assigned:

1. B.1 - Add with cubes - sums up to 10
2. B.5 - Addition sentences using number lines - sums up to 10
3. D.1 - Addition facts - sums up to 10
4. F.2 - Subtract with pictures - up to 10
5. H.1 - Subtraction facts - up to 10

You can access these skills at [https://www.ixl.com/math/grade-1](https://www.ixl.com/math/grade-1)

Your child can continue to use their current IXL login credentials. If you are unsure of these credentials, please contact your child’s math teacher.

**Please make sure your child is logged in before he or she starts to work. Otherwise, his or her progress will not be saved nor will his or her new teacher be able to view it in September.**

*Dawn Aiello*
Director of Mathematics
**Vocabulary Directions:** Please review each vocabulary word and definition with your child. Have your child illustrate the vocabulary word on a separate paper. Return the illustrations to your child’s teacher at the beginning of the school year.

1. **Same** - alike in quantity or amount.
2. **Different** - not alike in quantity or amount.
3. **One more** - when one set has 1 more object than the other set.
4. **One less** - when one set has 1 fewer object than the other set.
5. **Big** - large
6. **Small** - little
7. **Over** - directly above something.
8. **Under** - directly below something
9. **Next to** - standing beside something.
10. **Between** - when an object has other objects on both sides of it.
11. **Greater than** - bigger or more than.
12. **Less than** - smaller or less than.
13. **Pairs** - set of two objects
14. **Sort** - arrange in groups with a common attribute
15. **Plus** - add
16. **Is equal to** - adds up to; make.
17. **Number sentence** - a set of numerals and symbols that summarizes a number story.
18. **Minus** - subtract from
19. **Left** - remaining