



# March 2022 Newsletter

Kettle Creek Public School  
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(519)782-3983

<http://kettlecreek.tvdsb.ca/en/index.aspx>

Principal: Mrs. W-C

Vice Principal: Mr. Ritter

Administrative Assistant: Mrs. Sutherland

## Administrative Team Message

Our students continue to come to school each day with smiles and positive attitudes and that has inspired all of us to keep hopeful and stay focused on this moment. This month, staff and students wasted no time and the learning continued with many interesting opportunities being enjoyed. Our ECO class continues to diligently work in a consultation capacity with the BERM developers and we are so proud of Ms. Basson's leadership and the determination of our students to ensure that the well-being of the earth remains a priority for everyone.

Our Home and School and School Council continue to do amazing work bringing our school community together. Many thanks to our parent volunteers who organized our HOT LUNCH DAYS! We are so grateful for their time and effort doing that! This month our meeting will take place on Wednesday March 23<sup>rd</sup> and the link for that will be posted on our Website, Facebook page and sent to your email. The meetings are only an hour and the team does a dynamite job bringing in great ideas to make our school a great place to learn. We hope you will consider joining us. ALL ARE WELCOME!

Term 1 Report Cards were sent home and many families took the opportunity to celebrate their child's academic growth and help them set learning goals for Term 2. These kinds of conversations with parents really make a difference and reinforce that we value education, we are all on the same page and that we will support students together on their academic journey!

As spring weather approaches, it does get wet and muddy on our school yard. Please consider sending extra pants and/or boots with your child so we can avoid having to bother you at work for a change of clothing. Thank you for the many ways you support us here in the waters at Kettle Creek P.S. We really appreciate it and certainly can't do it without you!

Cheers!

Ms.W-C and Mr. Ritter

### **Outdoor Play / Extra Clothes**

Please ensure that your child comes to school dressed to learn inside or outside as we know that learning outside is healthy for the mind, body and spirit (hat, mitts, coat and snow pants). As well, if it is possible, please send a change of clothing so that if your child gets wet playing outside, they are able to change into dry comfortable clothing. Thanks for your help!

### **COVID Screening**

Please remember to complete the online COVID screening everyday before sending your child to school. Thank you for your ongoing diligence keeping sick children home and ensuring that we are all safe at our school.

### **Clubs/Intramural Activities**

We are pleased to let you know that our LEGO club, GREEN TEAM and Intramural Activities are up and running and students are enjoying the opportunity to do different things at recess time. We are thankful to our staff volunteers (Ms. B-T and Mr. Roy, Mr. Keays) who are giving up breaks to facilitate these opportunities.

### **Loaned Chromebooks & Internet Hubs**

Thank you for returning your loaned Chromebooks and internet hubs. If you still have a Chromebook or internet hub at home, please return it by Thursday, March 3.

## Our GREEN TIP OF THE MONTH IS:

Avoid using plastic water bottles whenever you can.

### GREEN TEAM

Our ECO CLASS Leaders have been continuing to work very hard to get our GREEN TEAM programs running smoothly. All our recycling programs have been launched including our composting program. All of these steps will help us in our quest to maintain our PLATINUM ECO SCHOOL certification level.

We continue with our **WASTELESS WEDNESDAY campaign** and we are working very hard to ensure that all students make an effort to reduce the waste they create everyday but especially on Wednesdays.

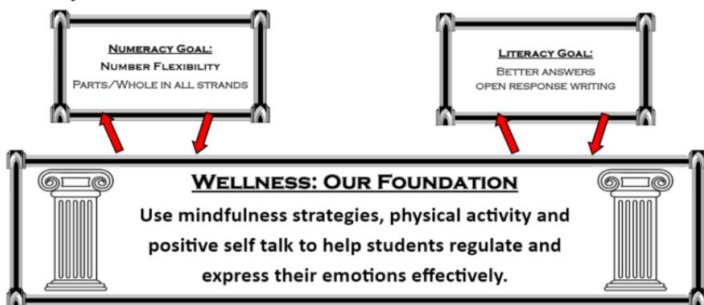
### REDUCE, REUSE, RECYCLE

**MILK BAGS**-We are recycling Milk Bags and are weaving them into mats.

**POP TABS**- We are recycling pop tabs to support a student who needs a new wheelchair.

**INK JET CARTRIDGES**-We are recycling cartridges. Please send to school if you have any.

### Kettle Creek School Goals 2021/22



### **Our Learning Skill /Global Competency focus for this month:**

CRITICAL THINKERS are able to manage WORKING INDEPENDENTLY very well.

## Mark your Calendars

Tuesday, March 1

- Shrove Tuesday

Thursday, March 3

- Pizza Day (rescheduled from Feb. 18)

Friday, March 4

- PD Day – no school

March 8-11

- Gr. 3 CCAT testing Days (practice)

March 9 & 10

- Photo Days

Thursday, March 10

- Mr. Vansickle & Mrs. B-T class trip to Sugarbush
- Pizza Day

Friday, March 11

- Spirit Day – Hat Day

March 13 – Daylight Savings Time (clocks move ahead)

March 14-18 – March Break (no school)

Monday, March 21

- Sock Day – Down's Syndrome Awareness

Wednesday, March 23

- Home & School / School Council Virtual Meeting – 6:30 p.m.

Friday, March 25

- Spirit Day – PJ Day
- Pizza Day

March 28-31

- Gr. 3 CCAT testing days

### Home and School and School Council Corner

The Home and School along with the School Council members continue to work tirelessly to support our efforts at Kettle Creek. They organize our hot lunch and many other events to support our school community. Our next virtual meeting on **March 23rd at 6:30 p.m.** and we would like to invite everyone to join us. You can also stay in touch with our Home and School/School Council activities by joining us on Facebook

# Home Connections in Mathematics

## Supporting the Understanding of Multiplication and Division

Understanding the meaning of multiplication and division is essential for success in mathematics. When we multiply, we can think about 'groups of' or 'copies of' the same number. Organizing items into rows and columns allows students to build and see their multiplication facts; we call this type of organization an 'array'. By organizing concrete objects into a rectangular shape, it is easier to see the groups. Many things in the real world are organized this way to determine the quantity easily with multiplication.



Arrays make it clear to see why  $3 \times 4$  is the same as  $4 \times 3$ . Knowing this relationship allows students to reduce the number of facts that they need to know.

The array is very powerful because it also shows students how to divide. From a single array, 4 operation statements can be determined.



This array of donuts shows:

$$4 \times 3 = 12 \quad 12 \div 4 = 3$$

$$3 \times 4 = 12 \quad 12 \div 3 = 4$$

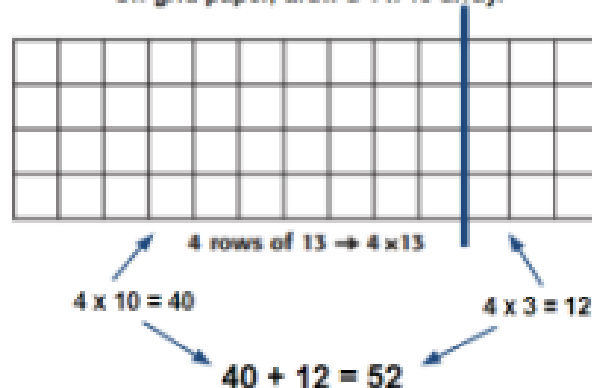
Arrays also provide a great opportunity to count by different numbers. The donut array can be counted by 3's and 4's. Children can count the donuts by saying, "3, 6, 9, 12" or "4, 8, 12". Counting on a regular basis by numbers other than 1 allows children to be more efficient in determining their facts and explore different number patterns.

Arrays can also show fractions of a number. The donut array makes it easy to see that  $\frac{1}{4}$  of 12 is 3 and  $\frac{1}{3}$  of 12 is 4 by looking at the vertical rows.

By noticing and naming arrays wherever you see them, children can see multiplication in the world around them. They can also understand the connection between multiplication and division.

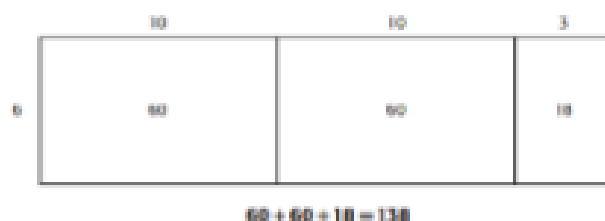
When the numbers in multiplication get larger, children can move from organizing concrete objects to using grid paper. By drawing the rectangles on centimetre grid paper, they are also drawing and determining the area of a rectangle. The grid can be split up to make finding the area easier.

On grid paper, draw a  $4 \times 13$  array.



Eventually, children can create proportional drawings that represent their multiplication without the grid.

$$6 \times 23$$



Multiplying with arrays helps students to break up multiplication into parts that can be added together. In the above array, 23 groups of 6 is broken up into 10 groups of 6, 10 groups of 6 and 3 more groups of 6. Flexibility in breaking up multiplication allows students to multiply together easier numbers to find the total.

The same process can be extended into double and triple digit multiplication. This method ensures that children are multiplying with meaning, and not starting with memorizing a procedure. Increased understanding of multiplication leads to increased fluency of multiplication facts. For more information on the area model of multiplication, go to :

<https://www.youtube.com/watch?v=5fi4QUiQ4cc>