

June, 2018

Dear Incoming 4th Graders,

Welcome to 4th grade! We are looking forward to having you in our classes. We hope you will continue your success in learning in the upcoming year. Enclosed is a supply list and summer enrichment packet. If you ever lose any of this information, you can feel free to go to the Haines School office and pick up another copy. Or you can visit www.haines.cps.edu to view or download another copy.

Your Summer Reading Enrichment

Over the summer you should read at least 4-5 books. You must make sure to read mysteries, biographies, and fantasies. They must be completed by the first day of school. For each book you read, you must keep a log of the book title, author, summary, and have your parents sign afterward. If you have access, please log on to IXL language arts at least once or twice a week..

Your Summer Math Enrichment

In the homework packet is a Multiplication Table in 21 Days, you must memorize the multiplication table and division facts. If you have access, please log on to IXL math and Khan Academy at least once or twice a week.

Your Summer Writing Enrichment

Buy a black composition book and decorate it with pictures, stickers, and favorite sayings. Inside, write 5 small moments from your summer vacation. Include anything that was fun, exciting, different, or memorable. Write who was there, when did it happen, what happened, and why you chose this moment. Try to have five to ten sentences for each moment. Make sure you include the date of your entry.

Technology

Go online for 90 minutes per week to practice language arts and math skills.

Other website to practice should be:

<https://www.ixl.com/signin/haineselem>

<https://www.khanacademy.org/>

www.math-play.com/Interactive-Math-Games.html

<https://student.frontrowed.com/#login>

<http://www.internet4classrooms.com/index.htm>

Enjoy your summer. We are excited to see you next year. Bring all your completed summer work on the first day of school, Tuesday, September 4, 2018.

- From your 4th Grade Team

Dear Parents and Students:

I am pleased to take this opportunity welcome your son/daughter to Grade 4 at John C. Haines School. The following packet contains a list of school supplies required for this school year. Please take time to review the list and purchase all items so that we will have a productive school year. Have a wonderful summer and return well-rested and energized for the upcoming school-year.

亲爱的家长，欢迎您的孩子来到兴氏学校四年级。以下是他们四年级需要用的用具。请在开学前买齐表上所有的东西，并在开学第一天带来学校。祝您有个愉快的夏天。

Supply List: 四年级学习用品清单：

- Loose-leaf notebook paper (3 packs for entire school-year) 活页笔记本纸三包
- 4 Composition Books (Non-spiral) 四个没有脊髓线的书写笔记本(用做写单词及日常写作)
- 1 Math graph Composition Book (Non-spiral) 一本数学绘画用书写笔记本(没有脊髓线的)
- Three-ring binder with plastic tabs that can be inserted and three-ring plastic pocket inserts 三环活页夹和活页插页
- 2 packs of 3x5 Index Cards & 1 plastic index card case 两包 3x5 大小的索引卡。一个装索引卡的塑料包装盒。
- Post-It Notes (2 packs) 两包笔记贴纸
- Number 2 Pencils 二号铅笔
- Small pack or at least four dry erase markers 一小盒或四色干擦笔
- Small Pencil Sharpener (with self-contained shaving unit) 一个小的刨铅笔机
- 12-inch ruler (with centimeters and inches) 十二寸的尺子(需要有寸和厘米的刻度)
- Protractor (4 inches long on the flat side) 四英寸长半圆量角度器
- 6 pocket folders with prongs (art, library, music, and novel studies) 六个中间有夹子的文件夹
- Coloring pencils or coloring markers (for class projects) 彩色铅笔或彩笔
- Two Sharpie markers 两支黑色记号笔
- Scissors (small pair) 小剪刀一把
- Glue-sticks and NO liquid glue 粘胶笔，不须要液体胶水
- Highlighters (yellow, blue, pink, green, orange) 荧光笔(黄，蓝，粉红，绿，橙色各一支)
- Scotch Tape (for class projects) 透明胶纸一卷
- Pencil Case 铅笔盒
- Clorox or Sanitizing wipes (1 container) 一桶消毒湿纸巾
- Paper Towels (2 rolls) 两卷擦手纸
- Kleenex Tissue (3 boxes) 三盒纸巾
- 1 pack of White and 1 pack of Colored COPY PAPER (一包白色电脑打印纸，一包彩色电脑打印纸)
- Haines gym shirt and white or green shorts/exercise pants 学校体育衫和绿色或白色运动裤(不能太短)
- 1 Small Calculator 一个小的计算器
- 1 headphone/earbuds (一副耳机)
- 1 reusable water bottle for the year (一个可以重复使用的水壶，全年用的)

School and Class Fees Total \$70 includes the following (Please put money in envelopes)

学校及课室费用总共七十元，包括下列费用，请把钱放在信封裏

1. School-wide activities and special programs 學校活动和特殊節目费
2. Book Fee 书费
3. Classroom magazines 雜誌費
4. Technology supports and enhancements 科技支持和加強

Multiplication Chart

	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Multiplication Tables in 21 days!

Let's face it, when you don't know your times tables, it slows down your progress in math. Some things you just have to know and committing the times tables to memory is one of them. Today, we're in an information age, information is doubling faster than it ever used to and our math teachers no longer have the luxury of assisting us to learn the times tables. In case you haven't noticed, the math curriculum is much larger than it ever was. Students and parents are now left with the task of helping to commit the times tables to memory. So let's get started:

Step 1

First of all, you will need to be able to skip count or count by a certain number. For instance 2,4,6,8,10 or 5, 10, 15, 20, 25. Now you will need to use your fingers when skip counting. Remember back in grade 1 when you used to use your fingers to count to 10? Now you'll need them to skip-count. For example, use your fingers to count by 10. First finger or thumb is 10, second is 20, third is 30. Therefore $1 \times 10 = 10$, $2 \times 10 = 20$ and so on and so forth. Why use your fingers? Because it's an effective strategy. Any strategy that improves speed with your tables is worth using!

Step 2

How many skip counting patterns do you know? Probably the 2's, 5's and 10's. Practice tapping these out on your fingers.

Step 3

Now you're ready for the 'doubles'. Once you learn the doubles, you have the 'counting up' strategy. For instance, if you know that $7 \times 7 = 49$, then you'll count up 7 more to quickly determine that $7 \times 8 = 56$. Once again, effective strategies are almost as good as memorizing your facts. Remember, you already know the 2's, 5's and 10's. Now you need to concentrate on 3x3, 4x4, 6x6, 7x7, 8x8 and 9x9. That's only committing 6 facts to memory! You're three-quarters of the way there. If you memorize those doubles, you'll have an effective strategy to quickly obtain most of the remaining facts!

Step 4

Not counting the doubles, you have the 3's, 4's, 6's, 7's and 8's. Once you know what 6x7 is, you'll also know what 7x6 is. For the remaining facts (and there aren't many) you will want to learn by skip-counting, in fact use a familiar tune while skip counting! Remember to tap your fingers (just as you did when counting) each time you skip count, this enables you to know which fact you're on. When skip counting by 4's and when you've tapped on the fourth finger, you'll know that it's the $4 \times 4 = 16$ fact. Think of Mary Had A Little Lamb in your mind. Now apply 4,8, 12, 16, (Mary had a....)and continue on! Once you've learned to skip-count by 4's as easily as you can by 2's, you're ready for the next fact family. Don't worry if you forget the odd one, you will be able to fall back on your doubling strategy and counting up.

Remember, being able to do math well means having great strategies. The above strategies will help you learn the times tables. However, you will need to commit daily time to these strategies to learn your tables in 21 days.