SUMMER MATH CHALLENGE

Dear Families,

Summer math practice provides an opportunity for your child to practice and refine the skills learned this school year during the summer. Like summer reading, ongoing math practice helps students retain concepts better, enhances their performance, and prepares them for the next grade level. Based on feedback received from last summer's program, **we will be utilizing MobyMax, a free online learning tool with individualized lessons and feedback**. This program is more user friendly than last year's Khan Academy and has better tracking and feedback tools for parents (with a parent login feature) and teachers. Attached you will find detailed instructions for how your student can login to their MobyMax account and the expectations for completed lessons.

All students are expected to complete the work, individually, to the best of their ability. This is not a group assignment. Notes, Interactive Math Notebooks, websites, and past resources can be used. *A calculator should only be used when provided to the student by the program*. **You should ensure that your child does not procrastinate, but rather plans the gradual completion of the program during the summer**. Students have already been enrolled into my class online and *we will be able to track their progress throughout the summer*, as well as see how many skills/concepts are completed. Students will be graded based on completion of total number of concepts/skills as assigned in the attached document. At the beginning of the year, students will participate in a "Beginning of the Year" Assessments to assess the students' abilities. This assessments will be based off the summer math program. **If the student does not attempt the summer math program, this will be reflected in their beginning of the year assessments.**

If you have any questions, please do not hesitate to email me at james.dipaolo@spsjax.org as well as use your ClassDojo account.

Have a safe and fun filled summer!

Respectfully,

Mr. Di Paolo

4th and 5th grade Math Teacher

Student Login to MobyMax

1. Using an internet browser, visit www.mobymax.com
2. Click "Sign In" in top right corner
3. Click "Sign in as a Student"
4. Use school code: **FL5748**
5. Login with the following:
   a. **Username:** firstname.lastname
   b. **Password:** abc123
6. Click on the bookshelf icon.
7. Select "Math" to gain access to the summer math lessons

Parent Login to MobyMax

1. Using an internet browser, visit www.mobymax.com
2. Click "Sign In" in top right corner
3. Click "Sign in as a Parent"
4. Use same login information as student
5. First page gives overview of student's progress and work in MobyMax
6. Select "Math" to gain more detailed reporting on student's math work

MobyMax Lesson Requirements:

Students have been assigned lessons based on their initial MobyMax assessment, taken at the end of May 2017. All students must refresh their previous year skills as well as complete lessons from their 2015-2016 school year that they scored a "0%" on.

Class you are entering	Number of lessons required
Entering 4th grade Math	43 lessons +failed 2nd grade lessons
Entering 5th grade Math	40 lessons +failed 3rd grade lessons

The students will also be expected to have memorized multiplication facts from numbers 2-12 (i.e. 2x2, 2x3, 2x4, through 10 x 10 etc), division by single digits from numbers 2-9 (i.e. 81 ÷ 9, 72 ÷ 9, 63 ÷ 7, etc), and measurement conversions from the list below (as well as the abbreviations for the measurements). The students will be quizzed on these facts during the first week of school. If they do not earn an 85% or above they will have to work on any struggling areas with me until they have mastered these facts; the times will include but are not limited to one PE per week and recess time. As the students will move into multistep problem solving, larger multiplication problems, long division, and algebra they must know these basic facts to succeed.

LENGTH	CAPACITY	WEIGHT	TIME
12 in = 1 ft	8f l oz = 1 c	16 oz = 1 lb	60 s = 1 min
3 ft = 1 yd	2 c = 1 pt	2,000 lb = 1 T	60 min = 1 hr
5,280 ft = 1 mi	2 pt = 1 qt		24 hr = 1 d
1,760 yd = 1 mi	4 qt = 1 gal		7 d = 1 wk
			365 d = 1 yr
			52 wk = 1 yr
			12 mo = 1 yr