Convent & Stuart Hall
Schools of the Sacred Heart San Francisco

Summer Engagement Philosophy: Summer should be a time for fun, relaxation, and family time. However, intentional practice of math skills has been shown to be helpful for student retention of topics learned during the previous school year. The assigned work is designed to ***review*** some essential skills/concepts/math facts to ensure a smooth transition back to school.

Expectations: Students are expected to complete the assigned work. Our goal is for students to spread out this practice with approximately one hour per week so there is a continual engagement with mathematics. Teachers will be checking progress prior to the first day of school. This is intended to be a part of the first check for understanding prior to our beginning units.

How to be successful:

- Make a practice plan and set goals in order to complete the required work by the start of the school year. Spacing the practice throughout the summer will be more effective in terms of keeping skill sets in place (ex: Monday Math fun!)
- Establish a place where you can work without distractions and encourage independence when appropriate.

Students entering **IB Applications Year 2 (SL and HL)** should complete the following review assignments:

1. **Curriculum Continuance**
    - You should spend approximately 30 minutes a week reviewing old tests/quizzes/homework assignments.
        i. Focus Topic 1, Topic 2 and Topic 4

2. **Internal Assessment Outline**
    - Watch the following videos on the Internal Assessment:
        i. Watch this video first.
        ii. Watch this video second.
        iii. Watch this video third.

- On the first day of senior year it will be expected that you arrive with 8 -10 pages of your IA complete. This should include resources and scholarly sources cited. Feel free to reach out over the summer if you have any questions. Teachers will try and check their email regularly. Below is the following checklist that you should have in this document:

1. Rationale:
    a. Why did you choose this topic?
    b. Why is this topic important to you?
    c. How does it connect to your daily life or outside world?
2. Aims:
    a. What is the purpose of this paper?
    b. What will you be analyzing?
        i. How will you be analyzing it?
        ii. Are you collecting your own data? Is so, how?
    c. What are some extensions you might have after you're done
        i. What are other areas of math, science, etc that this can connect to?
3. Body:
    a. Include any tables/data
        i. How did you get it?
    b. Equations you will be using
        i. Define variables
4. Sources:
    a. Will you be using technology to help you assess your data?
    b. What can you compute by hand?
    c. At least ***three*** scholarly sources that will help you with your research