Dear JC8s Families,

My name is Edwin Mayorga, and I am a professor at Swarthmore College. On behalf of Jackson and Swarthmore I want to welcome you to the Jackson Crazy8s (JC8s) afterschool program for Fall 2017. Swarthmore's delighted to be able to support JC8s for a third year in a row!

This is our JC8s Family Newsletter, which will be sent home once a month with students to keep families informed about what is happening in the afterschool club and providing you suggested books and activities to help you make math come to life at home. For families that are new to JC8s, this is an afterschool program created by Bedtime Math (http://bedtimemath.org/), an organization committed to “helping kids love numbers so they can handle the math in real life.” Our site coordinator, Gill Geffen, and four Swarthmore undergraduate students, will be introducing students to engaging games and activities that support mathematical thinking, even if students don't really notice. Thank you to Ms. Laura Tierney for hosting the program in her classroom.

If you have any questions or concerns about the program you can write to me (emayorg1@swarthmore.edu) or you can speak to Ms. Kim Bocelli. Thank you for participating this semester. We look forward to working with the students.

Sincerely,

Dr. Edwin Mayorga

Meet your JC8s Coordinator: Gill Geffen

My name is Gill Geffen and I will be running Crazy8s after school program. I am from New York and just graduated from Swarthmore College in May of 2017 with a degree in psychology and educational studies. Currently I am working as a student teacher in Ms. Tierney's class. In my spare time I love to read, practice yoga, and hang out with my cat, Poe. I am so excited to explore math in a fun and interactive after school environment! We will be working together to expand our understanding of math and how it can be applied and discussed in our everyday lives. Welcome!

Welcome to the Jackson Crazy8s (JC8s) Afterschool Program

Afterschool Session Dates

October: 10/12 - 10/19 - 10/26
November: 11/2 - 11/9 - 11/16 - 11/30 (Open House)
December: 12/7

During the second to last session (11/30) families and teachers are invited to the JC8s Open House, where you can experience some of the activities we have worked on this semester.
Get to Know Your JC8s Team

Eaindry is Burmese and from Myanmar which is in Southeast Asia. She is largely undecided about what major, or area of study, at Swarthmore, but she thinks it will definitely be something with Social Studies. She loves Math but definitely understands how it can be challenging which is why she thinks it's so much more fun to do math together! She's looking forward to meeting new students in Crazy 8's.

Vinay is a freshman at Swarthmore college and from Seattle, WA. He has not decided what he wants to major in, but probably a STEM field, as he is really enjoying his Physics and Engineering classes this semester. Vinay has always enjoyed math. He thinks this might be because he was exposed to it as a set of puzzles that he could solve. He also loves when he can see math in the world, especially in nature. Ask him about Fibonacci numbers and pineapples sometime. He looks forward to interacting with the fun world of math outside a traditional classroom and learning about new ways to teach math.

Sally is a student at Swarthmore who is studying Computer Science and Statistics. She is from New York City and loves math and all things STEM related!! She is looking forward to interacting and having fun with the students at Jackson.

Peem is a Swarthmore student, and he is from Thailand. At Swarthmore he is studying Mathematics and Computer Science. Peem feels that Math is AMAZING! He looks forward to meeting and working with new people through Crazy8s.

Math Resources for Families

Edwin, is a professor at Swarthmore College, and has been supporting Crazy8s at Jackson for the last two years. At Swarthmore he teaches classes on education, policy and ethnic studies. He is Nicaraguan-Chinese, and was born and raised in the Los Angeles area. Edwin really enjoys thinking about and teaching math, and is looking working with the students and families in Crazy8s this year.

Math Game: Pig

One of the great things about math is that you can play a lot of games right in your home, if you have a few simple things. Pig is a quick and easy math game you can play.

Directions:
The goal of Pig is to be the first player to get to 100. The game is played with a pair of dice, and requires a paper and pencil for scoring.
1. The first player rolls the dice, calculates the sum (mentally), then rolls again if he or she wants to. The next sum is added to the first. The player can roll as often as s/he wants to before play goes to the next turn.
However...
2. If a 1 comes up on one of the dice before the player decides to stop rolling, the player scores 0 for that round. The play goes to the next player.
The next sum is added to the first. The player can roll as often as s/he wants to before play goes to the next turn.
However...
3. Worse still, if a 1 comes up on both of the dice, the turn ends and the player's entire total falls to 0.

Learn how to play Pig on Youtube:
https://youtu.be/gV1vB-ahI4A

Math App: Bedtime Mobile App
Bedtime Math offers apps that you can work with on mobile devices. You can find them here:
http://bedtimemath.org/apps/