



February 9, 2011

Dear PACE Parent / Guardian:

On **Saturday, February 19th** an engineering trip is planned to Philadelphia to visit The Franklin Institute. The Franklin Institute over the years has been one of the more popular venues for students participating in engineering trips. At The Franklin Institute, students will be able to participate in science and technology programs that include (a) learning about the principles of light, and how light can be used to identify different chemical elements, (b) learning about nanotechnology, its scale and how it is being used today, and (c) seeing demonstrations on how your eyes work, as well as see the dissection of a real cow's eye.

Students will also have the opportunity to enjoy the popular attractions such as the Adventure Flight 4-D full motion simulator and the 2-seat flight simulator used to train real pilots. And for the daring, you can ride the Sky Bike, a high-wire bike that sits 28 feet above the atrium in the Franklin Institute where you can learn about the law of the "center of gravity." We will also view the IMAX film "Legends of Flight" where students will get an inside view of how a modern aircraft, such as the Boeing 787 Dreamliner, is built and the associated manufacturing challenges faced by engineers.

Our day in Philadelphia will end at the popular Dave and Buster's where we will eat a late lunch. When finished eating, the students can "escape into play" the Dave and Buster's way.

This field trip is intended to provide your child with the opportunity to see and learn about science and technology, while gaining an overall understanding of engineering inside the real world, and outside of the classroom. The culmination of the trip at Dave and Busters will provide an opportunity for students to socialize with each other in a fun and friendly environment outside of the usual Saturday morning environment.

There is no charge for transportation, and PACE is also picking up the cost of admission to the museum for students and staff chaperones. Students (as well as all other attendees) will have to pay \$23.00 each for the portion of the trip to Dave and Buster's. The fee includes lunch and a \$10.00 game card. Students should bring extra money to purchase souvenirs and/or snacks, and pay for any of the museum "rides."

It is required that we provide Dave and Busters with a final guest count and meal selections five business days prior to our arrival. As such, please provide your meal information via the attached form by Saturday, February 12th if you are planning to attend.

Students must meet the bus at Brookdale Community College in Lincroft (Parking Lot 6) at **7:30 AM sharp**. We will return to this location at **7:00 PM**. Please be sure that your child has transportation to and from Brookdale for this event. Further details are shown in the attachment containing the permission slip.

Each student participating in this field trip **MUST** return a Permission Slip with parental/guardian signature. **If we do not have a permission slip that is signed by a parent or guardian, your child will not be allowed to attend this event.** Students must have turned in all money owed to PACE (fundraising money, registration fees, etc.) and any outstanding student application materials (report cards, recommendation letters, etc.) before they will be allowed to attend. Attendance on the trip is also subject to the concurrence of your child's engineering and math instructors, and adherence to PACE attendance and behavioral policies, as described in the PACE Student Program Guide.

Please feel free to contact any of the persons below if you have any questions.

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| Courtney Pinnock | Michael Perry |
| PACE-Monmouth | PACE-Monmouth |
| Executive Director | Engineering Director |
| (732) 678-3335 | (732) 544-9129 |

MEAL SELECTION

NAME: _____

___ Busters Cheeseburger

___ Lunch Goldfingers

___ Lunch Black Jack BBQ Chicken

___ Lunch Blakened Chicken Pasta

___ Parmesan Crusted Chicken Caesar Salad

Meal includes unlimited coffee, tea and sodas

Please return to Mike Perry or Courtney Pinnock by Saturday,
February 12, 2011.