

Agenda for 8th Grade MEPI Group Sessions (09-10)

Mission: To provide a general understanding of **Mechanical Engineering** via Industrial/Manufacturing Engineering through hands-on activities, oral and written presentations, and team building exercises.

- November 14, 2009 Kick-Off – Full day session
- I. Introductions
 - II. Student information forms to be completed - Attendance/Forms
 - III. Goals for the MEPI 8th grade year to be covered
 - IV. Introduction to Mind Storms
- December 12, 2009 Full day session
- I. Introduction
 - II. Explanation of Project Engineering
 - a. Focus b. Objective
 - III. Overview of Mechanical and Engineering Principles Presentation
 - IV. Computer Overview
- January 9, 2010
- I. Introduction to Mind Storm program writing
 - II. Mind Storm Lego Kit review
 - III. Simple Building Problem solving exercise – (Pneumatic)
 - IV. Group/Work assignments issued - Work on projects
 - V. Black history engineer report assignments
- February 13, 2010
- I. Work on Project Building
 - II. Simple Problem solving exercise
 - III. Black History Month Identify black mechanical engineers past & present
- March 13, 2010
- I. Presentation skills – Oral & Written
 - II. Career Path Overview
 - IV. Work on projects
 - V. Simple problem solving exercise
- April 10, 2010 Complete projects / Mock presentations / Possible Field Trip
- May 8, 2010 Competition Day/Presentation/Parents Day
- June 12, 2010 Banquet To be Determined (Usually Early June 2010)

Minority Engineering Program of Indianapolis - 8th Grade

Location: AT&T - 240 N. Meridian Street Indpls, IN. – (Must check in at the guard's station)

Telephone: 317-265-5295

Time: 9:00AM – 1:00 PM

Lead Facilitator - Annie Arnett Work - 317-265-5295 Home - 317-259-4545

Facilitator Team: Ms. Annie Arnett, Mrs. Timia Carruthers, Mr. Jeffrey Cole, Mr. Clarence Hill, Mrs. Gerri Jones, Ms. Mary King, & Ms. Karen Mc Daniel