

PetrochemWorks

CAREERS FOR A LIFETIME

Best Practice Recommendation for School STEM Visits

What follows is what works best at High Schools and Jr. High Schools based on the following goals:

- ❖ High amount of quality interaction with students
- ❖ Ability to share industry jobs
- ❖ Ability to personalize the message to students present
- ❖ Reaches a significant number of students in a short time
- ❖ Targeted to the audience based on jobs, crafts or roles

METHOD

Place a number of trained volunteers from the industry in a number of classrooms at a school (not sure what the optimal number of classrooms is – based on the number of presenters available or the number the school can handle). This should ideally take place over a three to four hour period. The students would rotate over three school periods to three different classrooms. The students would be able to select the vendor/volunteer they want listen to based on basic description/resume provided to the school

EHCMA PetrochemWorks Organizer(s) would:

- Train school on what to do – share this document/presentations
- Work with schools to select/schedule the day
- Let the school know the number and type of volunteers coming in advance (more than 3)
- Let the presenters know the amount of time they have for each period
- Train presenters on techniques and presentation
- Provide school with brief “resumes” of presenters from industry
- Make sure the school have the necessary equipment for the presentation and video (Live Web site)
- Gather the proper number and variety of volunteers
- Keep data on participants, demographics available, follow-up needs.

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Best Practice Recommendation for School STEM Visits (continued)

The schools would do the following:

- Market “day” as a career informational day – not a “fair”
- Students are encourage to bring questions and potential career options of interest in advance
- Have a central meeting place for the volunteers to meet and be assigned a class room
- Utilize the existing class schedule OR let the students know who is in what class and allow them to select three classrooms with folk they are interested in listening to (ideal to allow choice) _ how to control numbers (???)
- Sessions should be between 30 to 40 minutes

The volunteers would do the following before the date:

- Bring the presentation on stick
- Bring Petrochemworks and their company’s hand outs
- Bring company materials
- Bring “gifts” for students
- Wear company logo outfit if possible
- Get training
- Review material prior to presentation and be prepared
- Arrive a bit early

These volunteers should be prepared to do the following in the classroom:

- Get equipment working
- Briefly introduce themselves
- Ask the students what they are interested in and what their parents do (as a job – if working)
- Share highlights of career and education
- Share a short presentation (& day in the life video if possible)
- Remember to focus on those students in the room – based on what heard as interest and parent’s vocation
- Show Petrochemworks web site – live if possible.
- Leave time for questions (10 to 15 mins)
- Share fliers on STEM jobs