

SUPPLY CHAIN STEM

EDUCATIONAL OUTREACH PROGRAM

Invest in your community and help solve the issue of the global supply chain talent gap.

WHAT is the Cell Phone Game?

The Cell Phone Game is a fun and engaging activity for 9th – 12th graders that uses every day common themes and incorporates key science, technology, engineering and math (STEM) and Supply Chain concepts. Volunteers lead students through an interactive game of supply and demand. Student interaction and team-building is encouraged through supplier and retail roles as well as team roles of accountant, purchasing, and sales.

STEM Concepts

- Planning (Math)
- Metrics (Math)
- Quality (Engineering)

Supply Chain Concepts

- Insource versus outsource
- Lead time and cost relationships
- Random demand
- Managing inventory
- Accounting/revenue

Students are introduced to:

- Supply and demand strategies.
- The value of Supplier Relationship Management
- The relationship between modes of transportation, cost, and lead time.
- Thinking strategically to balance demand, inventory (supply), and funds.

Volunteering is simple!

1. Work through your organization - school, place of work, student focused program, etc. - to bring the Supply Chain STEM program to your students.
2. Download the free Cell Phone Game Tool Kit – available at www.apics.org/supplychainstem which includes:
 - Program Brochure for Volunteers
 - Program Message to Parents
 - Cell Phone Game In-Class PowerPoint Slides
 - PDF or .zip files of printable items
 - Low cost supply kit list, including recommendations on where to purchase needed items
3. Volunteer less than two hours of your time

WHERE do I find more information?

Find all the information you need at www.apics.org/supplychainstem or text APICS Academic Outreach at 872-888-STEM.

