

Lemonade Supply Chain Game



About the Lemonade Supply Chain Game

The Lemonade Supply Chain Game is an educational tool used by the South Carolina Council on Competitiveness' SC Logistics initiative to teach elementary grade-level students basic principles behind logistics and supply chains. The Lemonade Supply Chain Game was developed by APICS and is part of its Supply Chain STEM Program which focuses on presenting supply chain and STEM careers as viable options to today's K-12 youth in an effort to eliminate the supply chain talent gap.

Targeted grade levels: **4th - 5th**
Approximate total time: **1.5 hours**
Ideal number of students: **20 - 45**
Ideal number of volunteers: **10 - 12**



How does it work?

Volunteers are assigned to one of the following duties:

ACTIVITY DIRECTOR

Leads PowerPoint presentation to guide students through each step of the game

TIME KEEPER

Ensures activity runs on schedule

STATION LEADER

Guides students at designated station through concepts related to specific stages in the supply chain

STATION ASSISTANT

Helps station leader present concepts and keep students on task

FLOATERS

Serve as customers to place orders and/or provide trucking status updates

The activity director and time keeper direct the game from the front of the classroom. Meanwhile, station leaders and assistants guide designated teams of students through duties and discussions related to their specific station. In order to facilitate the game, station leaders will receive a handout describing the activity that occurs at their station and a handout that assigns students to specific tasks. Each task will be given two minutes to complete (some groups will be waiting idle). After the first round, the students and their volunteers will discuss what went well, what needs to be improved and then the activity will take place again to realize those identified improvements.

ACTIVITY STATIONS



Station 1
LEMON FARM



Station 2
LEMON JUICE FACTORY



Station 3
SUGAR REFINERY



Station 4
LEMONADE FACTORY



Station 5
TRANSPORTATION GROUP



Station 6
WAREHOUSE

Concepts Learned

At the close of the activity, students will have learned the fundamental concept of how supply chains work and how they impact their daily lives. Students will also be exposed to the various career opportunities available within the logistics industry.

Get Involved. For more information on the program, to be a volunteer, or to schedule an opportunity to bring the Lemonade Supply Chain Game to your class room, contact **Amy Sartain**, Director of SC Logistics, SC Competes at (919) 417-1849 or asartain@sccompetes.org.