Teacher Tips Marvelous Machines

Lesson 2
Assembly Lines

- Practice drawing lines of \( \frac{1}{4}” \) or 0.5 cm from edge before beginning part 1. This has been consistently challenging for 5\(^{th}\) grade students.
- Fill and test all staplers before beginning. With staple jams, replace the stapler with another rather than trying to fix it during the activity.
- “Quality control” of folders is an important step of counting the number of completed folders – do they meet the criteria?
- Folders can be used to keep all Engineering handouts. Folders can be shared with other grades doing engineering lessons.
- Role-playing an actual factory situation with “QUIET” during production can reduce chaos of the process.
- Lesson 2 takes longer than estimated time. Consider in doing in 2 sessions.
- To eliminate hostile competition for limited resources (stapler, tape dispenser) in the individual assembly, keep the staplers and tape in your control and have students raise their hands when they need them. Keep track of when students are waiting.