The Plan-Do-Check-Act Cycle (PDCA)

**Act**
- What changes are to be made?
- What will be the objective of the next cycle?

**Plan**
- State objective of the test
- Make predictions
- Develop plan to carry out the test (who, what, where, when)

**Check**
- Complete the analysis of the data
- Compare test data to predictions
- Summarize what was learned

**Do**
- Carry out the test
- Document problems and unexpected observations
- Begin analysis of the data