

Behavior-Over-Time Graphs (BOTGs) with Questions



Some sample questions to ask when analyzing parts of a system that change over time:

1. What important elements have changed over time?
2. How has _____ changed over time?
3. During what period of time have the changes occurred?
4. Where on the y-axis should the graph start and why?
5. How would you label the bottom/middle/top of the y-axis?
6. What evidence supports the graph being created?

Questions to consider once BOTGs have been created:

1. What caused any changes in direction or slope?
2. How are interpretations of a graphed element the same or different?
3. What changes may happen in the future based on what has been happening?
4. Do you see any connections (interdependencies or causal relationships) between/among graphs?