



Clip Activity: Understanding the Graph

What does the biosphere breathing look like?

Considering an updated version of the Keeling Curve (below), answer the following questions, either with a friend or in a science journal.

1. What does the line of the graph represent, and why is it not a smooth, straight line?
2. When is your birthday, and which hemisphere do you live in?

Is the seasonal flux of CO₂ likely to be rising or declining around the time of your birthday?

3. What does the direction of the line over the course of time (the x-axis) indicate?

