

## 16.3 Instantaneous Rates (Video)

This project was preformed to supply **Libretext authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

### Video Topics

The instantaneous rate of a reaction is the reaction rate at any given point in time.

Rate of reaction is  $= -1/r \, d[R]/dt$

An instantaneous rate is defined as the negative slope of the line on this graph. As the period of time used to calculate an average rate of a reaction becomes shorter and shorter, the average rate approaches the instantaneous rate.

### Link to Video

**Instantaneous Rates:** <https://youtu.be/GGOdIzxvAo>



### Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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