

Stock Chart Analysis

The purpose of this activity is for students to learn how to use the Rapunzl App to follow a company's stock price over various periods of time. We then explore short-term volatility, which causes stock prices to move around more randomly than over the long-term. We also show that just because a stock is not doing well on a particular day, that may not be the case over the long-term.

Part 1: Select A Stock

Students should look up a stock of their choice on the Rapunzl app. They may work in groups or independently, depending upon classroom instructions.

Part 2: The Basics

Students should look at the stock's *different durations* of the price chart, and record their observations using the table below.

Part 3: Long-Term

Students should find and observe the *1 yr and 5 yr* price charts for the same stock they analyzed in Part 1. Update the chart below with your observations.

Part 4: Find The Trend

Students should now pick 3 more companies and fill out the chart below, repeating parts 2 and 3 for each.

Stock Symbol	1 Day % Performance	5 Day % Performance	1 Year % Performance	5 Year % Performance

Now answer the following questions:

- Which company had the best performance for the day? Is this the same company which had the best 5 year performance?
- Which period seems to have the most similar percentage performances for all of the companies?
- Which company had the worst performance for the past 5 days? How does that compare to the company's 5 year performance?