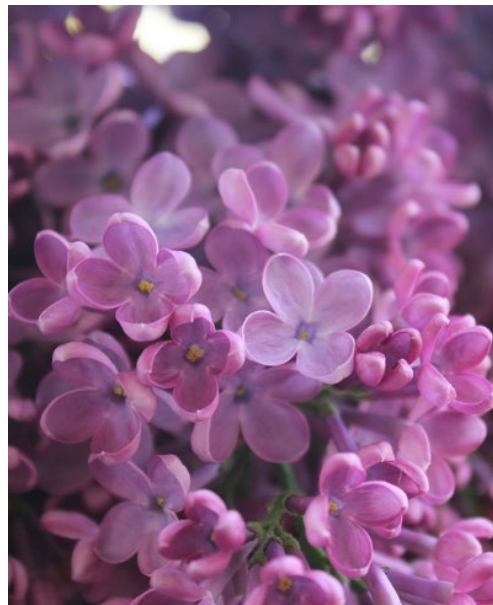## About the Graphs:

The series of graphs in this activity illustrate the timing of lilac tree flowering for one or more years, using data from the nationwide community science program Budburst. The data is based on observations made by Budburst observers who monitored lilac trees and recorded the date their first flower bloomed.

Each graph shows a boxplot overlaid with individual data points in blue. The y-axis of the graphs displays the day of year when the first flower was observed, with Day 1 representing January 1st, Day 2 representing January 2nd, and so on.

(See the table below for a list of Day #s and their corresponding dates. You can also convert between day # and calendar date using the National Snow and Ice Data Center's DOY calendar.)

Day of Year (#)	Approximate Date*
25	Jan. 25
50	Feb. 19
75	March 16
100	April 10
125	May 5
150	May 30
175	June 24

*The approximate date will vary slightly for leap years. For example, March 16th is generally the 75th day of the year, but on leap years it is the 76th day.

Common lilac flowers