

Beauty and Joy of Computing 2018-2019 Pacing Guide
for Experienced BJC Teachers

This Pacing Guide assumes: coverage of *approximately* one lab page per day.

Benchmark Unit Timelines:

- **U1, Introduction to Programming: about 5 weeks (24 days +assessment)**
 - Lab 1: 7 pages
 - Lab 2: 4 pages
 - Lab 3: 7 pages
 - Lab 4: 4 pages
 - Lab 5: 2 pages
- **U2, Abstraction: about 4 weeks (22 days +assessment)**
 - Lab 1: 4 pages
 - Lab 2: 4 pages
 - Lab 3: 4 pages
 - Lab 4: 5 pages
 - Lab 5: 5 pages
- **U3, Data Processing and Lists: about 3 weeks (17 days +assessment)**
 - Lab 1: 4 pages
 - Lab 2: 2 pages
 - Lab 3: 4 pages
 - Lab 4: 3 pages
 - Lab 5: 4 pages
- **U4, How the Internet Works: about 4 weeks (21 days +assessment)**
 - Lab 1: 4 pages
 - Lab 2: 4 pages
 - Lab 3: 6 pages
 - Lab 4: 4 pages
 - Lab 5: 3 pages
- **U5, Algorithms and Simulations: about 3 weeks (14 days +assessment)**
 - Lab 1: 3 pages
 - Lab 2: 3 pages
 - Lab 3: 3 pages
 - Lab 4: 2 pages
 - Lab 5: 3 pages
- **U6, How Computers Work: about 4 weeks (21 days +assessment)**
 - Lab 1: 10 pages
 - Lab 2: 8 pages
 - Lab 3: 3 pages
- **U7, Fractals and Recursion: about 2 weeks (10 days +assessment)**
 - Lab 1: 5 pages
 - Lab 2: 5 pages
- **U8, Recursive and Higher-Order Functions: about 3 weeks (16 days +assessment)**
 - Lab 1: 3 pages
 - Lab 2: 3 pages
 - Lab 3: 7 pages
 - Lab 4: 3 pages