

**\*\*\*Teachers are required to build coherence by connecting learning within and across grade levels. The goal is to connect new understanding onto a foundation built upon prior knowledge mastery in your learning activities and assessments. Include at least one prior skill question on each assessment.\*\*\***

The following is the AP Computer Science A pacing guide. This guide is for the Advanced Placement Computer Science class. District Assessments are created following this guide.

**Marking Period 1:**

Unit 1 (Paycheck Program, Approximating PI, Converting Bases, “Guess my Number”)

NJ Student Learning Standards: 8.1. A, F; 8.2. B, F, G; 9.1. A; 9.2. E, F

**Marking Period 2:**

Unit 2 (Arrays, Picture Programs, Magpie)

NJ Student Learning Standards: 8.1. A, F; 8.2. B, F, G; 9.1. A; 9.2. E, F

**Marking Period 3:**

Unit 3 (Creating Utility Class, “Cards”)

NJ Student Learning Standards: 8.1. A, F; 8.2. B, F, G; 9.1. A; 9.2. E, F

**Marking Period 4:**

Unit 4 (Shapes, Factorials, Loops)

NJ Student Learning Standards: 8.1. A, F; 8.2. B, F, G; 9.1. A; 9.2. E, F