1st period: Web Design & Intro to SQL
2nd period: AP CSA
NOTE: UNLESS STATED, ALL POSTED ASSIGNMENTS ARE DUE TWO (2) SCHOOL DAYS AFTER THEY ARE ASSIGNED.

You are welcome to work ahead of classmates during the unit, as long as all items are completed by their respective due dates.

Monday	Tuesday	Wednesday	Thursday	Friday
8/15 Freshman First Day	8/16 First full day 1st & 2nd: Intro to Class, Procedures, Get signed up for CodeHS Java Pretest (Unit 0)	8/17 1st: Web Design Pretest (Unit 0) 2nd: Unit 1: Introduction to Programming in Java with Karel the Dog 1.1 Introduction to Programming with Karel	8/18 1st: Unit 1: Getting Started - What is the Web? 1.1 Welcome **AND** 1.2 The Internet 2nd: 1.2 More Basic Karel	8/19 1st: 1.3 Browsers **AND** 1.4 Viewing Websites 2nd: 1.3 Java Programs and the Run Method
8/22 1st: Unit 1 Quiz (open note): Getting Started - What is the Web? 2nd: 1.4 Karel Can't Turn Right	8/23 1st: Unit 2: HTML - Structuring Websites 2.1 Introduction to HTML 2nd: 1.5 Methods in Karel	8/24 1st: 2.2 Structure of an HTML Page 2.3 Formatting Text 2nd: 1.6 Top Down Design & Decomposition in Karel	8/25 1st: 2.4 Links 2.5 Images 2nd: 1.7 Commenting Your Code	8/26 1st: 2.6 Copyright 2.7 HTML Lists 2nd: 1.8 Super Karel
8/29 1st: 2.8 HTML Tables 2.9 HTML Styling 2nd: 1.9 For Loops	8/30 1st: 2.10 HTML Colors 2nd: 1.10 While Loops in Karel	8/31 1st: Unit 2 Quiz (open note): HTML - Structuring Websites 2nd: 1.11 If Statements	9/1 1st: GitHub Sign Up, VSC & HTML Project - due 9/8 2nd: 1.12 If/Else Statements	9/2 **No School - Teacher Collab Day**

9/5	9/6	9/7	9/8	9/9
No School - Labor Day	1st: HTML Workday - Project 9/8 2nd: 1.13 Control Structures Example	1st: Netlify Sign Up Workday: HTML Project - due 9/8 2nd: 1.14 More Karel Examples and testing	1st: Unit 3: CSS - Styling Websites 3.1 Introduction to CSS 3.2 CSS Select by Tag 2nd: 1.15 How to Indent Your Code	1st: 3.3 CSS Select by Class 3.4 CSS Select by ID 2nd: 1.16 Karel Challenges (Project Grade) - due 9/16
9/12	9/13	9/14	9/15	9/16
1st: 3.5 The Cascade 2nd: 1.16 Karel Challenges (Project Grade) - due 9/16	1st: Unit 3 Quiz (open note) - CSS - Styling Websites 2nd: Work Day for Karel Challenges - due 9/16	1st: CSS Project - Replicate a Web Page - due 9/20 2nd: Work Day for Karel Challenges - due 9/16	1st: Workday: Replicate a Web Page - due 9/20 2nd: Unit 1 Quiz (open note): Introduction to Programming in Java Work Day for Karel Challenges - due 9/16	1st: Unit 1 Quiz **Make up day** (open note): Introduction to Programming in Java Work Day for Karel Challenges - due 9/16 2nd: Karel Challenges due TODAY
9/19	9/20	9/21	9/22	9/23
1st: Workday: Replicate a Web Page - due 9/20 2nd: Unit 2: Basic Java 2.1 Printing in Java	1st: Unit 5: Advanced HTML & CSS 5.1 Getting Started - Advanced HTML & CSS 2nd: 2.2 Variables and Types	1st: 5.2 Multi-file Websites 2nd: 2.3 User Input	1st: 5.3 Embedding iframes 2nd: 2.4 Arithmetic Expressions AP Classroom: Unit 1 Progress Check: MCQ Part A - due 9/29	1st: 5.4 Divs 2nd: 2.5 Casting

9/26	9/27	9/28	9/29	9/30
1st: WorkKeys Testing in Aux. Gym 2nd: WorkKeys Testing in Aux. Gym	1st: 5.5 Spans 2nd: 2.6 Booleans	1st: WorkKeys Testing in E14 2nd: WorkKeys Testing in E14	1st: Intro: Project: Multi-page website - due 10/14 2nd: 2.7 Logical Operators AP Classroom: Unit 1 Progress Check: MCQ Part A - due 10/6	1st: 5.6 Semantic Tags 2nd: 2.8 Comparison Operators
10/3 1st: 5.7 Combining CSS Selectors 2nd: 2.9 For Loops	10/4 1st: Work Day: Project: Multi-page website - due 10/14 2nd: 2.10 While Loops	10/5 1st: Work Day: Project: Multi-page website - due 10/14 2nd: 2.11 If Statements	10/6 1st: Work Day: Project: Multi-page website - due 10/14 2nd: 2.12 Loop-and-a-Half	10/7 1st: Work Day: Project: Multi-page website - due 10/14 2nd: 2.13 Short-Circuit Evaluation
10/10 **No School - Teacher Collab Day**	10/11 - **last grades for Q1** 1st: 5.8 The Don't Repeat Yourself Principle 2nd: 2.14 De Morgan's Laws	10/12 1st: PSAT - Work Day 2nd: PSAT - Work Day	10/13 **End of Q1** 1st: 5.9 Special Selectors 2nd: 2.15 Strings Ap Classroom: Unit 2 Progress Check: MCQ Part A - due 10/20	10/14 1st: Workday to complete assignments for Q1 2nd: Quarterly Reflection Activity AP Classroom: Unit 2 Progress Check: MCQ Part A - due 10/20

10/17	10/18	10/19	10/20	10/21
1st: 5.10 Visibility 2nd: Unit 2 Quiz (open note) AP Classroom: Unit 2 Progress Check: MCQ Part A - due 10/20	1st: 5.11 Reading Documentation 2nd: **Switch to Nitro** Unit 1 Primitive Types (Quick Review/Fill in gaps) 1.2 Variables and Data Types AP Classroom: Unit 2 Progress Check: MCQ Part A - due 10/20	1st: 5.12 Using the Inspector 2nd: 1.5 User Input AP Classroom: Unit 2 Progress Check: MCQ Part A - due 10/20	1st: 5.13 The Box Model 2nd: Unit 2B: Using Objects 2.1 Objects: Instances of Classes AP Classroom: Unit 2 Progress Check: MCQ Part A - due **TODAY** AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	1st: 5.14 Image Manipulation 2nd: 2.2 Creating and Storing Objects (Instantiation) AP Classroom: Unit 2 Progress Check: MCQ Part B - due 10/27
10/24 1st: 5.15 Animation 2nd: 2.3 Overloading AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**10/25** 1st: 5.16 Interaction 2nd: Workday AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**10/26** 1st: Unit 5 Quiz (open note) 2nd: 2.4 Calling a Void Method AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**10/27** 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: 2.5 Calling a Void Method with Parameters AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**10/28** **No School - PT Conf.**
10/31 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: 2.6 Calling a Non-Void Method AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**11/1** 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: 2.7 String Objects AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**11/2** 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: 2.8 String Methods AP Classroom: Unit 2 Progress Check: MCQ Part B - due 11/3	**11/3** 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: Workday	**11/4** 1st: Project: Tell a Story - due 11/4 - collaborative project 2nd: 2.9 Wrapper Classes: Integers and Doubles AP Classroom: Unit 2 Progress Check: MCQ Part B - due **TODAY**

11/7 1st: Unit 7: Bootstrap 7.1 What is Bootstrap? 2nd: 2.10 Using the Math Class	11/8 **No School - Teacher PD**	11/9 **Group Picture Day** 1st: 7.2 Getting Started with Bootstrap 2nd: Unit 2B Quiz (open note)	11/10 1st: 7.3 The Bootstrap Grid System 2nd: Unit 3: Boolean Expressions and If Statements 3.1 Boolean Expressions and If Statements	11/11 1st: 7.4 Bootstrap Components 2nd: 3.2 If Statements and Control Flow
11/14 1st: 7.5 More Bootstrap Components 2nd: 3.3 If-Else Statements	111/15 1st: 7.6 Navigation Bars 2nd: 3.4 Else-If Statements	11/16 1st: 7.7 Drop Down Menus 2nd: 3.5 Compound Boolean Expressions	11/17 1st: 7.8 Using Bootstrap Examples 2nd: 3.6 Equivalent Boolean Expressions	11/18 1st: Work Day: Bootstrap Challenges - due 12/2 2nd: 3.7 Comparing Objects
1/21 1st: Work Day: Bootstrap Challenges - due 12/2 2nd: Unit 3 Quiz (open note)	11/22 1st: 7.9 Bootstrap Challenges - due 12/2 2nd: Work day	11/23 **No School - Thanksgiving Break**	11/24 **No School - Thanksgiving Break**	11/25 **No School - Thanksgiving Break**
11/28 1st: Work Day: Bootstrap Challenges - due 12/2 2nd: Unit 4: Iteration 4.1 Iteration	11/29 1st: Work Day: Bootstrap Challenges - due 12/2 2nd: 4.2 For Loops	11/30 1st: Work Day: Bootstrap Challenges - due 12/23 2nd: 4.3 Developing Algorithms Using Strings	12/1 1st: Unit 7 Quiz (open note) 2nd: Work Day	12/2 1st: Bootstrap Project - due 1/6 2nd: Work Day
12/5 1st: Bootstrap Project - due 1/6	12/6 1st: Bootstrap Project - due 1/6	12/7 1st: Bootstrap Project - due 1/6	12/8 1st: Bootstrap Project - due 1/6	12/9 1st: 2nd:

2nd: 4.4 Nested Iteration	2nd: 4.5 Informal Code Analysis	2nd: Unit 4 Quiz (open note)	2nd:	
12/12 1st: Exam Review 2nd: Exam Review	12/13 **Exams**	12/14 **Exams**	12/15 **End of Q2 & Exams**	12/16 **No School - Records Day**