AP CSA Summer Assignment:

Dear APCSA student!

Welcome to AP Computer Science A (APCSA) AP CS A introduces students to the foundational concepts of computer science. The course will cultivate your understanding of coding through analyzing, writing, and testing code as you explore concepts like modularity, variables and control structures. This course emphasizes object-oriented programming and design using the Java programming language.

These are the following units we will be covinger in this course, if you would like to take the time to dive deeper here is the link to the Collegeboard Description of the APCSA Curriculum/Exam.

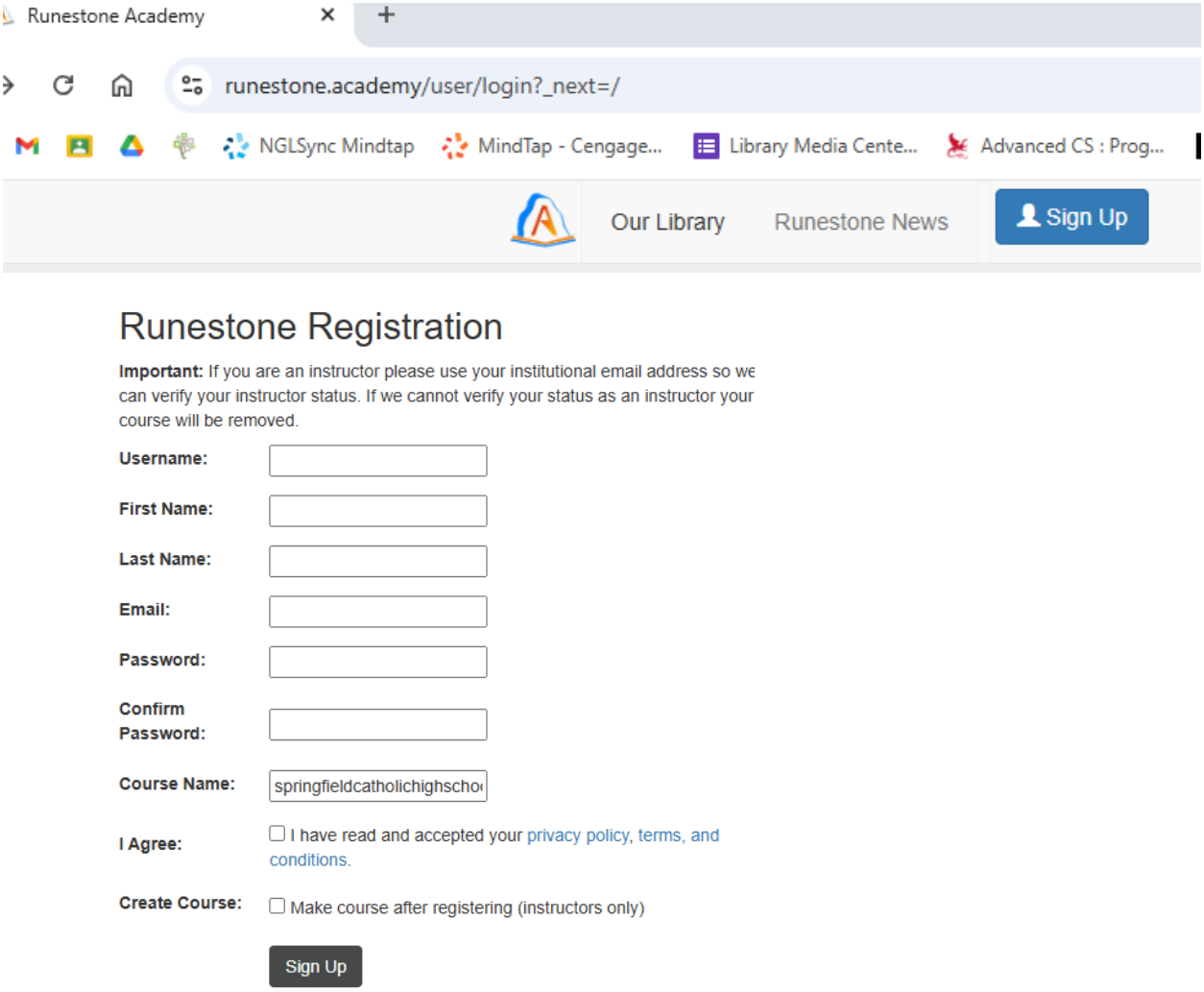
Units	Exam Weighting
Unit 1: Primitive Types	**2.5–5%**
Unit 2: Using Objects	**5–7.5%**
Unit 3: Boolean Expressions and `if` Statements	**15–17.5%**
Unit 4: Iteration	**17.5–22.5%**
Unit 5: Writing Classes	**5–7.5%**
Unit 6: Array	**10–15%**
Unit 7: `ArrayList`	**2.5–7.5%**
Unit 8: 2D Array	**7.5–10%**
Unit 9: Inheritance	**5–10%**
Unit 10: Recursion	**5–7.5%**

I am looking forward to working with you this coming year.
Please feel free to reach out with any questions!.

Sincerely,
Mrs. Sweeney

Assignment 1: Create a login account for your textbook “AP CSAwesome”

1. Link to Register: Click Log In, then click Sign Up.
    - Choose a username that you can remember but has nothing to do with your real identity.
    - Use your school email.
    - The Course name is **springfieldcatholichighschool_csawesome_fall2025**
    - Check the I have read and accepted your privacy policy, terms and conditions.
    - **Do not** create course.
    - Click Sign Up



Assignment 3:

1. Access the first unit of our textbook, **CS Awesome, read Unit 1 and answer all questions, exercises, mixed-up programs, programming challenges, and watch all videos.**
2. Below is the outline of the unit, the entire unit must be completed. The first two classes will be dedicated to practicing and reviewing this unit. The third class will be a unit 1 exam.