



Glen Cove New Course Proposals

2024-2025

(for 2025-2026 school year)

Dr. Maria Rianna
Dr. Alexa Doeschner
Victoria Galante
Andrew DiNapoli

November 20, 2024

We Are the Impact
#GlenCovePride

58% SGP

90% SGP

STUDENT GROWTH ON STATE TESTS

54% SGP

66% SGP

42% SGP



ELA

MATH

290

262

410

311

110

125

248

421

321

328

255

292

353

248

4th GRADE

4th GRADE



270 280 290 300 310 320 330



Affluent and Not Economically Disadvantaged
With learning disabilities

270 280 290 300 310 320 330



270 280 290 300 310 320 330



English Language Learners
Poverty

270 280 290 300 310 320 330



75%



New York State-Provided Growth Scores Explained

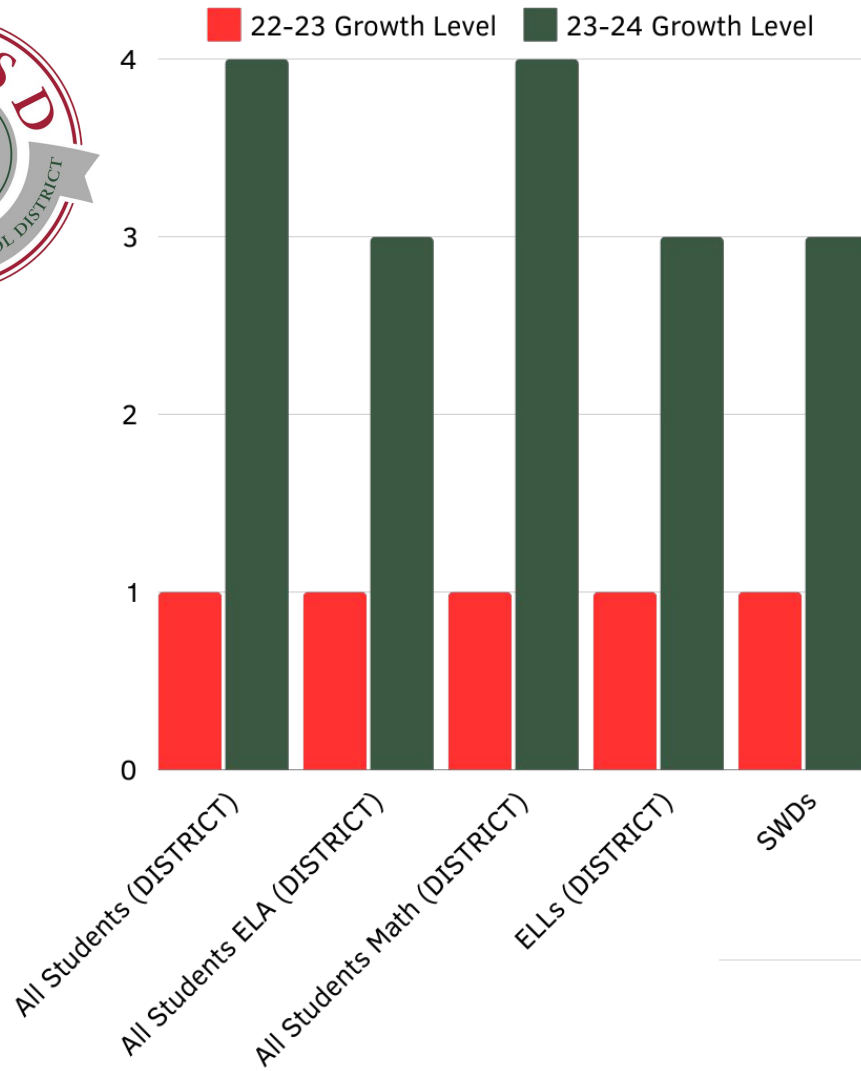


Student
Growth
Percentile
(SGP)

75*

*illustrative example

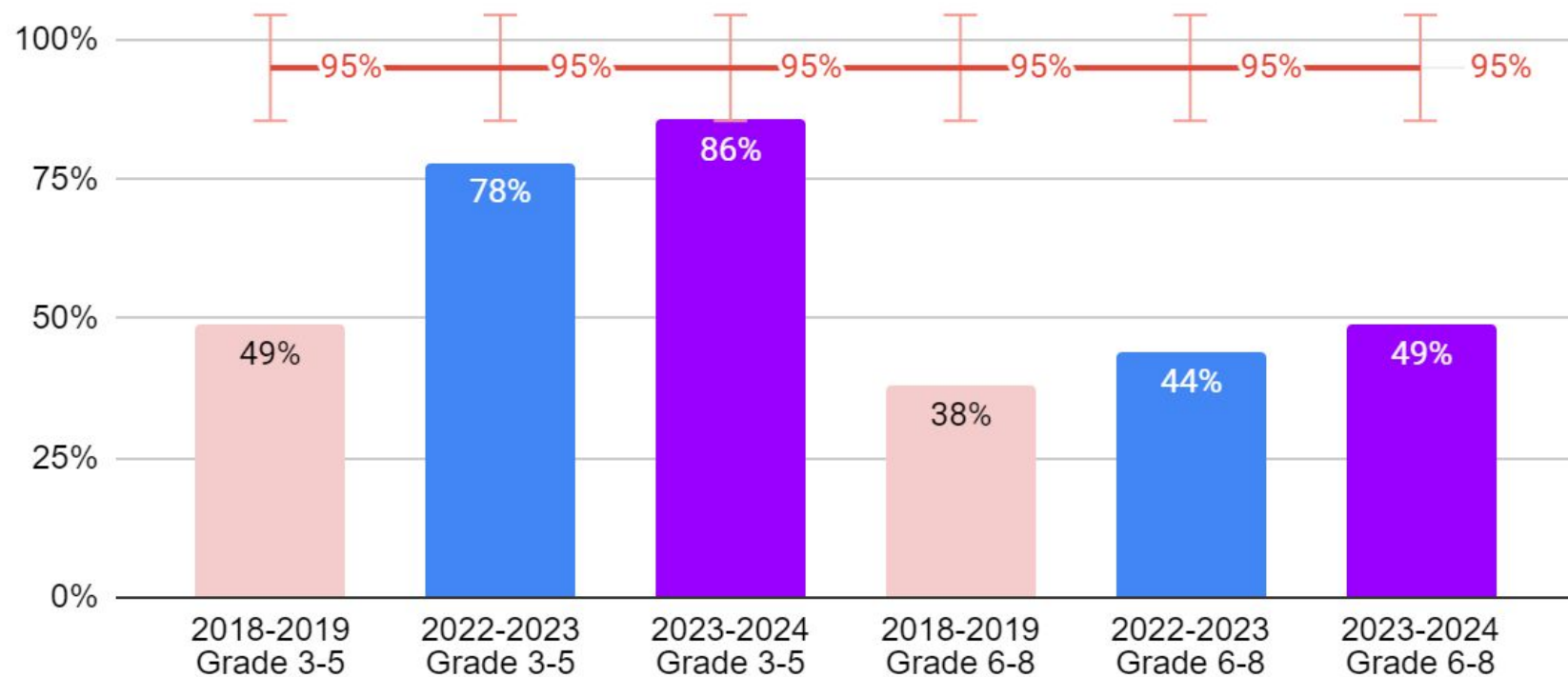




Growth Index	Growth Level
45 OR LESS	1
45.1 TO 50	2
50.1 TO 54	3
GREATER THAN 54	4

Glen Cove Percent Tested Longitudinal

■ Percent Tested ■ Goal/Target



Science Department: ***Horticulture and Hydroponics***



Rationale: In today's rapidly evolving world, the demand for **sustainable food production** and **environmentally conscious practices** is more critical than ever. Hydroponics, a method of **growing plants without soil** by using mineral nutrient solutions in water, is at the **forefront** of this **agricultural innovation**. By offering a Hydroponics elective course at the high school level, we aim to prepare students for emerging trends in agriculture, environmental science, and sustainable living.

Consistent with district goals: The proposed Hydroponics elective course directly aligns with the district's goals of promoting **critical thinking** and **21st-century learning** by incorporating inquiry-based learning, where students will explore complex problems such as optimizing nutrient solutions for plant growth, designing efficient hydroponic systems, and troubleshooting real-world agricultural challenges. Students will be encouraged to experiment, reflect, and refine their approaches—skills essential for developing critical thinking.

Course Objectives: In the Hydroponics elective course, **students will learn how to design, build, and maintain hydroponic systems**, gain a deep **understanding** of **plant biology**, nutrient cycles, and sustainable agricultural practices. They will experience **hands-on, project-based learning** that integrates science, technology, and engineering to solve **real-world problems** related to **food production** and environmental conservation.

(.5 HS CR - Half Year Course)

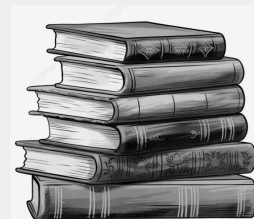
Beyond Borders: Exploring Hispanic Literature

Rationale: This course provides students with an in-depth **exploration of Hispanic literature**, focusing on the diverse **voices and experiences** within the **Hispanic community**. Students will engage with a **variety of genres**, including novels, poetry, essays, and short stories, examining how these works reflect cultural identity, social issues, and the human experience. Through **discussions**, creative assignments, and **analytical writing**, students will develop a **greater understanding** of the significance of **Hispanic literature** in both historical and contemporary contexts.

Consistent with district goals: This course is designed to help students develop their reading, writing, speaking, listening, and thinking skills. It is also designed to explore diversity in literature.

Course Objectives: Students will be able to:

- **Analyze and interpret key themes** and literary devices in Hispanic literature.
- Understand the **historical, cultural, and social contexts** of selected works.
- Engage in **thoughtful discussions** about **identity, migration, and social justice**.
- **Create original literary and artistic works** inspired by course readings.
- **Reflect on personal connections** to the texts and their broader implications.



English Department
Scripted Journeys: Playwriting Essentials



Rationale: This course is designed to **introduce high school students to the fundamentals of screenwriting and playwriting**, fostering their **creativity and storytelling skills**. Students will explore the **unique elements of writing for the screen and stage**, learn the principles of narrative structure, character development, and dialogue, and ultimately create their own original works.

Consistent with district goals: This course is designed to help students develop their writing skills and use multi-media platforms to create and present a story.

Course Objectives: Understanding the Medium: Familiarize students with the differences and similarities between screenwriting and playwriting.

Story Development: Teach students how to brainstorm, outline, and develop compelling stories.

Character and Dialogue: Help students create multi-dimensional characters and write authentic dialogue.

Format and Structure: Introduce industry-standard formatting and the structural components of scripts and plays.

Workshopping: Foster a collaborative environment where students can share and critique each other's work.

Final Projects: Guide students to complete a short screenplay or one-act play by the end of the course.

Introduction to **Screenwriting and Playwriting, Storytelling Basics, Character Development, Dialogue and Voice**, Structure and Format & Introduction to screenplay and play formats, Idea Development, Writing Workshop, Finalizing Scripts, Performance and Reading, Reflection and Future Steps
(.5 HS CR - Half Year Course)

AP Computer Science A



Rationale: This course **provides HS students with knowledge and skills that will prepare them not only for college-level coursework, but also for careers in technology, engineering, business, and beyond.** The curriculum encourages students to think creatively and innovate while developing real-world applications and employing problem solving strategies on a daily basis. These skills will help them thrive in a world where technology is at the forefront of innovation and productivity.

Consistent with district goals: Computer Science A offers interdisciplinary benefits, where computational thinking and problem-solving strategies are applicable across a variety of subjects, including mathematics, science, and even the arts. This course fully aligns with the most recently updated NYS Computer Science and Digital Fluency Learning Standards. Students have the opportunity to learn a new programming language (Java) while collaborating with peers and earning college credit. **AP CSA may be offered as a pathway for students who have successfully completed AP Computer Science Principles.**

Course Objectives: Students will **cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.** This course covers seven major topics including: Introduction to Computer Science, Data Types and Operators, Control Structures, Functions, Algorithms, Object-Oriented Programming, and Abstract Data Types.

(1.0 HS CR - Full Year Course)



Fine & Performing Arts Department: **MUSIC** Track
GUITAR PERFORMANCE & TECHNIQUE
E. NORRIS, B. FRANK-RIFKIND, L. NADEL



Rationale: This course will provide students a new music elective in which they can be immersed in a **different instrumental music performance and literacy**. Students who are enrolled or seeking enrollment in the **IAAP (Individual Arts Assessment Pathway) for Music**, will have an elective in which they can expand on their knowledge and studies in the arts discipline. As of this school year, students only have 1 music elective which they can choose from (Music in the Digital Age) which doesn't allow students to truly choose a music 'elective'. This would allow for students to have a true choice.

Consistent with district goals: This proposal is consistent with district goals because it provides students with an authentic arts experience and opportunity in the Fine & Performing Arts Department. This exposure to a different instrument will further enhance student's studies in Music and will assist in the shaping of a well rounded performance artist. Arts Education provides an opportunity for students to transfer skills in their academic studies and also assists with chronic absenteeism as indicated in various studies.

Course Objectives: The course will provide instruction for all students interested in playing guitar and/or continuing their guitar studies. Students develop performing skills through the study and performance of appropriate music literature. Focus will also be on technique fundamentals in string instruments and music literacy. This course aligns with the **NYS Learning Standards for Music**, utilizing these standards for assessment of student growth. It supports students in the district's **Individual Arts Assessment Pathway** pilot. The course will also be proposed for Dual Enrollment with Five Towns College. Through this course, students will build a portfolio of creative works, demonstrating growth and preparing them for future professional and educational opportunities in the arts.

(1 CR - FALL & SPRING SEMESTER COURSE) (Dual Enrollment Pending with Five Towns College)

Fine & Performing Arts Department: **Media | Television Production Track**

PODCAST COVE

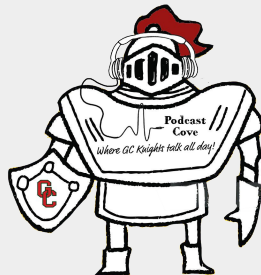
Rationale: This course offers a **pathway to career opportunities** in audio production, including fields such as podcast, radio, sound design, and foley sound recording. It is an **artistic approach to storytelling**, using sound to bring narratives to life in **engaging and innovative ways**.

Consistent with district goals: In Podcast Cove students will apply their unique artistic vision to a project that will serve as a **portfolio piece for use beyond school as well as in accordance with the IAAP pathway for those eligible**. This class is a real world experience, blending technical audio skills with the challenge of pushing creative boundaries in sound design and recording.

Course Objectives: Students will learn how to conduct both interview-style and storytelling podcasts. Through **experimentation and collaboration**, they will explore how to create sounds that **enhance and bring stories to life**. Students will develop an original sound effects library that can be expanded in future classes. Additionally, they will have **real world experience opportunities** to work with performing arts classes as **creative partners** to produce sound needed for upcoming productions.

(.5 CR - Half Year Course)

(Dual Enrollment Pending with Five Towns College)



Inspiration:

[Killers of the Flower Moon - Spoiler!! Ending](#)

[Old Time Radio Sound Effect](#)
[Whats up!? Podcast with Ben renner.mp4](#)

Thank you!

