

Celebrating
200
Years
GNPS
Established
1814

Welcome to the

Great Neck, New York U.S.A

Great Neck Public Schools



BOCES NASTECH Meeting

January 14, 2016

Great Neck South Middle School

Marc Epstein, District Technology Director



BYOD Guest WiFi Directions

Wireless Network - **BYOD Guest**

User Name - **GNPSWIFI**

Password - **Education?**

Security Certificate -

<http://greatneck.k12.ny.us/certificate>

Schedule

- 11:00 - 11:15** - Arrival and IT PD Lab Viewing
(Student Technology Leader Escorts)
- 11:15 - 11:45** - Lunch *(Courtesy of Nassau BOCES)*
- 11:45 - 12:45** - Welcome Presentations
Marc Epstein, GNPS Technology Director
Dr. James Welsch, GNSMS Principal
Catherine Graybosch & Justin Lander, GNSMS IT
- 12:47 - 1:25** - TV Studio & Gym Visitation *(½ Period Each)*
- 1:29 - 2:07** - Classroom Visitations *(½ Core & ½ Encore)*
- 2:11 - 2:40** - Classroom Visitations *(½ Core & ½ Encore)*
- 2:55 - 3:30** - Auditorium Homeroom TV Show & Q&A

GNPS At A Glance

District Size	Elementary Schools	Secondary Schools	Adult Buildings	All Buildings
Buildings	5	5	3	13
Enrollment	2,503	3,952	-	6,455
Ave. Class Size	18.7	22.4	-	20.6

Demographics	White	Black	Asian	Hispanic	LEP	FRL	E-Rate
2014-2015	50.5%	1.4%	33.6%	7.9%	5.8%	12.4%	40%

GNPS is a diverse school community with students from nearly 30 countries.

Academic Data	Dropout Rate	Graduation Rate	College Rate
2014-2015	<1%	96%	98%

GNPS Instructional Technology Program



Mission: To enhance and support instruction and learning by integrating information and communications technology into the curriculum.

GNPS IT Staffing

Information Systems	Instructional Technology	Technical Support
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	Technology Director	
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2 Co-Coordinators		
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	Technology SD	
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		Coordinator
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Info. Tech Aide		
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	Library Media	
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		2 Tech. Specialists
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Secretary		
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	Computer T.A	
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		4 Info Tech Aides
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GNPS Professional Development

School	District	External
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Technology SD		
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	Inservice Institute	
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		BOCES/SCOPE
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Committees		
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	Teacher Center	
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		Conferences
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Meetings		
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	Technology Academy	
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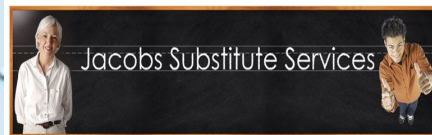
		Visitations
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Networking and Internet

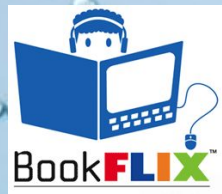
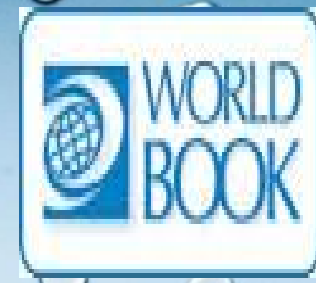


- **Local Area Networks (Alcatel)** **1 GB/s**
- **Wide Area Network (Alcatel)** **2 GB/s or 11 GB/s**
- **Wireless Networks (Alcatel)** **802.11 A/B/G/N**
- **Bo-TIE Fiber Internet Connection** **300 MB/s**
- **McAfee Web Gateway (Level & Time-Based Filtering)**
- **External & Internal Firewalls (Cisco ASA & Barracuda)**

Instructional Systems



Educational Systems



Shared Resources



StarLab



TV Studio



Videoconferencing

Communication Systems



GNPS/TV
Great Neck Public Schools
Educational Media



Security Systems



Proximity ID



Access



LobbyGuard



Aiphone



E911



Video Security

1:1 iPad Initiative

Equipment

- 5,000 Tablets ($\frac{2}{3}$ iPad Air, $\frac{1}{3}$ iPad 2)

Procurement and Cost Offsets

- Overlapping Leases
- Computer Consolidation (Labs and Classrooms)
- Going Green (Printing Reduction; Planner Elimination)

Accessories

- STM dux Case
- Logitech Wired Keyboard (Shared Class Sets)

Management Systems

- DEP, AirWatch, School-Based VPP

Core Cross-Curricular Apps

- Mirroring360, GAfE, Google Classroom, Notability, AR360,
- Keynote, Nearpod, Socrative, Explain Everything, HW App

1:1 iPad Initiative

Incremental Rollout with Pilot Programs

- 2011-12 - Class Set (25)
- 2012-13 - Team Set (90)
- 2013-14 - 1:1 (Grade 6)
- 2014-15 - 1:1 (Grades 6-7,9)
- 2015-16 - 1:1 (Grades 5-10)
- 2016-17 - 1:1 (Grades 4-11)



Process and Focus

- School Technology Committee (Collaborative Planning)
- Technology Integration (SAMR Model)
- Classroom Environment (Furniture & Management)
- Student Technology Leaders (Peer Leadership)
- Professional Development (Ongoing/Sustainable)