Online Educational Resources

Old Bridge Board of Education
Overview

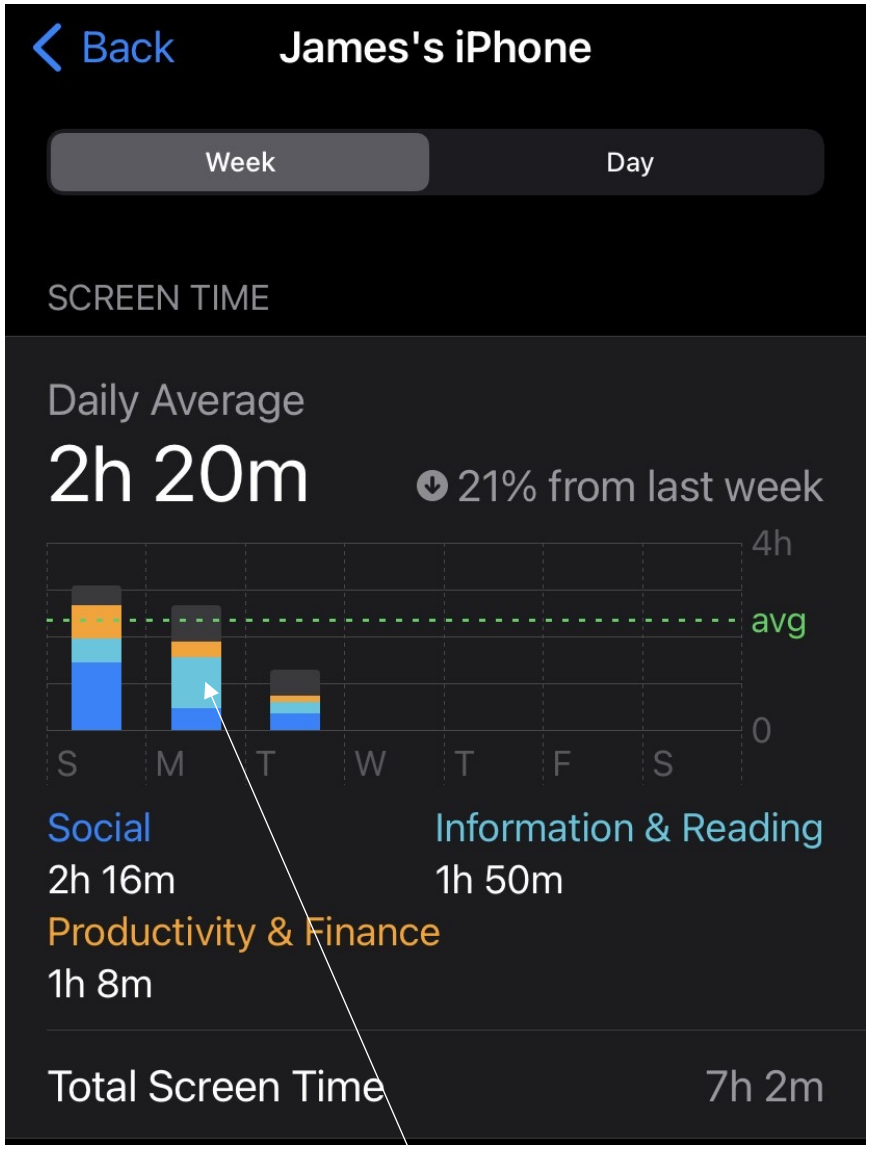
Rationale: To provide a brief overview of online materials utilized by students and staff

Topics to be discussed:

I. Primary Online Resources vs. Secondary Online Resources
II. Instructional Expectations across grade levels
III. Overview of some Online Resource usage reports
    I. Teams
    II. SAVVAS
    III. IXL
    IV. Nearpod
    V. NewsELA

What this presentation is not…..

- An individual breakdown of each program used in each building across all grade levels
- Why?
  - Each grade level expectation will be different based on the grade level and subject area
  - For example:
    - Kindergarten letter sounds will look different than third grade phoneme segmentation (both should be done off-line facilitated by the teacher)
    - Grade 5 NewsELA usage for Social Studies instruction will look different that Grade 9 Civics instruction using the same online Resource (NewsELA)
    - AP Physics lab will look different than a sixth-grade lab using Gizmos
- While each teacher utilizes the same NJSLS standards, their individual approach will be unique. Some will utilize Scholastic News vs NewsELA based on preference.
- Not all web-based programs provide specific information regarding individual student usage. For example, ThinkCentral only provides Teacher log-in information, not individual student log-on information.



Wordle was very difficult yesterday….

Primary Online Resources

- Microsoft Teams
- SAVVAS Math (formerly enVisions) Online (Grades K-8)
- ThinkCentral (Journeys online resources; ELA K-5)
  - (369,430 logins as of 1/24/2022)
- IXL (ELA K-12, Math K-12, Science 2-5)
- EasyCBM (Response to Intervention, Grades K-5 Benchmarking)
- NewsELA (Grades 6-12)
- Quaver Music
- Naviance (Grades 9-12)
- HMH Online Science Resources (6-8)
- SAVVAS Environmental Science Online Textbook (Grade 9)
- Biology Online Textbook (Grade 10)

Instructional Expectations

Elementary

- All grades have access to Streams
- Microsoft Teams provides assignments and weekly overview of plans
- Math Benchmarking Assessments done primarily online (IXL)
- ELA Benchmarking done in-person with teacher (EasyCBM)
- Access to online Math and ELA Textbooks and assignments through SAVVAS and ThinkCentral
- Still utilizing workbook consumables, textbooks, and manipulatives as core elements of instruction
- Continued development and implementation of Maker Spaces in the current library spaces
- Science and Social Studies materials available online through IXL (2-5) and NewsELA (K-5)

Middle School

- All grades have access to Streams
- Microsoft suite utilized more by teachers including TEAMS, OneNote, and FORMS
- ELA and Math Benchmarking Assessments done primarily online (IXL)
- Access to online Math and Science Textbooks and assignments through SAVVAS
- Moving away from workbook consumables, textbooks, and manipulatives as core elements of instruction
- Utilizing trade books (hardcopies) and ELA Grade level Readers for ELA Instruction
- Implementation of Gizmos (Science Lab Online program) and Nearpod (Supplementary Instructional tool) for lesson enhancement
- Continued examination of additional supplemental programs (NewsELA) to enhance NJSLS driven curriculum

High School

- All grades have access to Streams
- Microsoft suite primarily by teachers including TEAMS, OneNote, and FORMS
- Higher level of technology integration at the high school for both students and staff
- Algebra I, Geometry, and Algebra II Textbooks are all accessible online with classroom sets available
- Environmental Science and Biology Textbooks are all accessible online with classroom sets available
- Astronomy and Meteorology Course materials are all online
- Utilizing trade books (hardcopies) and ELA Grade level Readers for ELA Instruction
- Implementation of various additional programs to supplement current NJSLS mandated curriculum as student courses are more subject specific, therefore leading to more potential supplemental online materials

Supplementary Resources

- Boom Cards
- Kahoot
- Quizlet
- Smart Music
- Raz Kidz
- Smart Notebook
- Generation Genius
- BrainPopJr
- Inventors Tomorrow
- Exploring Nature
- A-Z Animals
- Mystery Science
- Nearpod (Grades 6-12)
- Readworks
- Common Lit
- Booklet
- EdMark
- EdPuzzle
- News2You
- Brain Pop
- Peardeck
- Reflex Math
- Reading A-Z
- Gizmos (Grade 6-12)
- Zoom

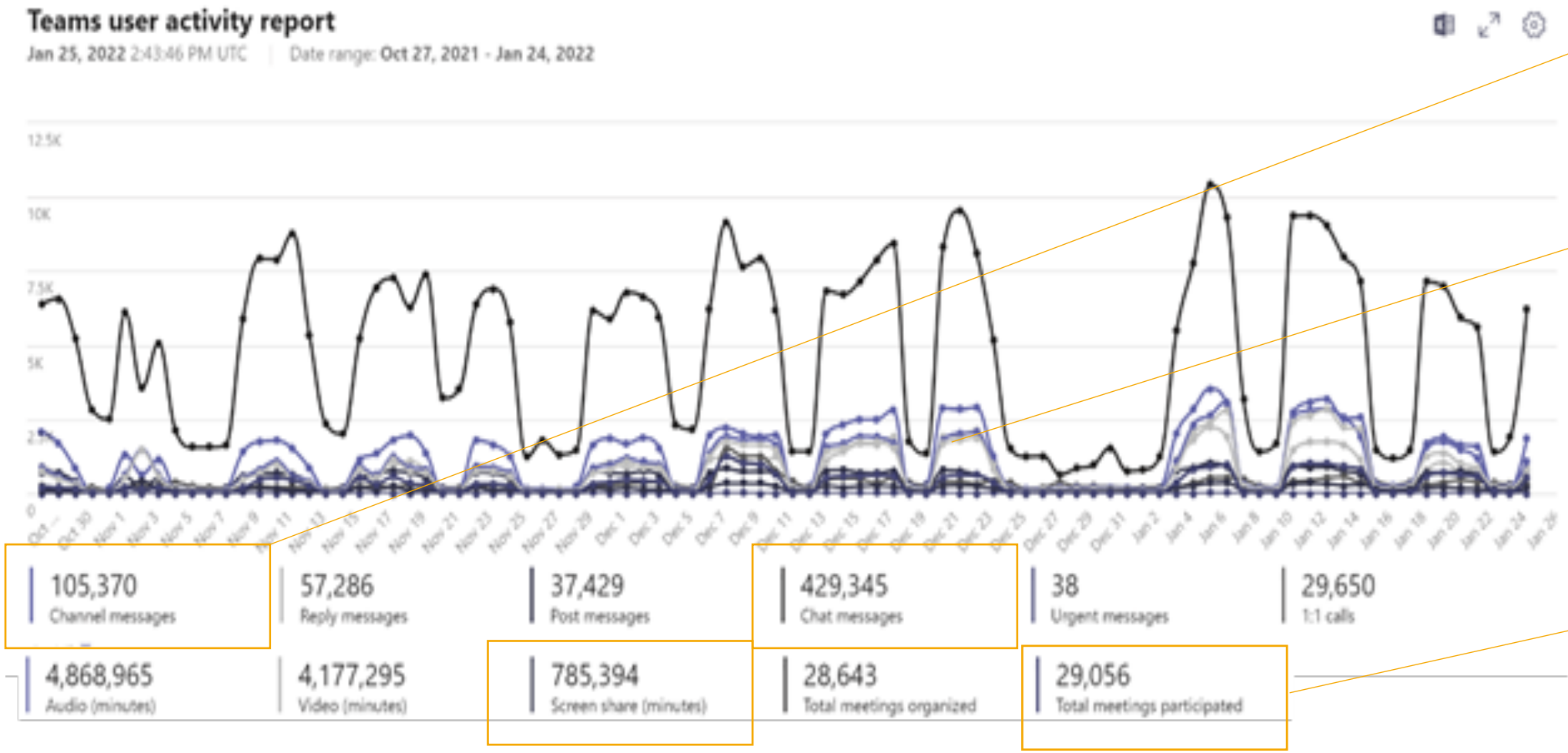
Resource Review:

- Primary Resources:
  - Office 365 (Teams)
  - SAVVAS Math and Science Review
- Secondary Resources:
  - IXL
  - NewsELA
  - Nearpod

Microsoft Teams Usage

- Teacher to Student Interactions
- Student Collaboration (For example: Group Work, Peer Review, etc.)
- Coach to Student-Athlete Information/Meetings
- Home Instruction (for students on HI and/or in Quarantine)
- Classroom access for Quarantined students
- Administrator and Teacher Meetings (Staff meetings, in-service, etc.)
- General Staff Meetings (RTI, CST, SLS, Instructional Leadership Team, etc.)
- Distribution of lesson materials to students who are home with illness

Microsoft Teams- Important Statistics



105,370- Channel Messages (separate breakout groups within Teams; small group instruction)

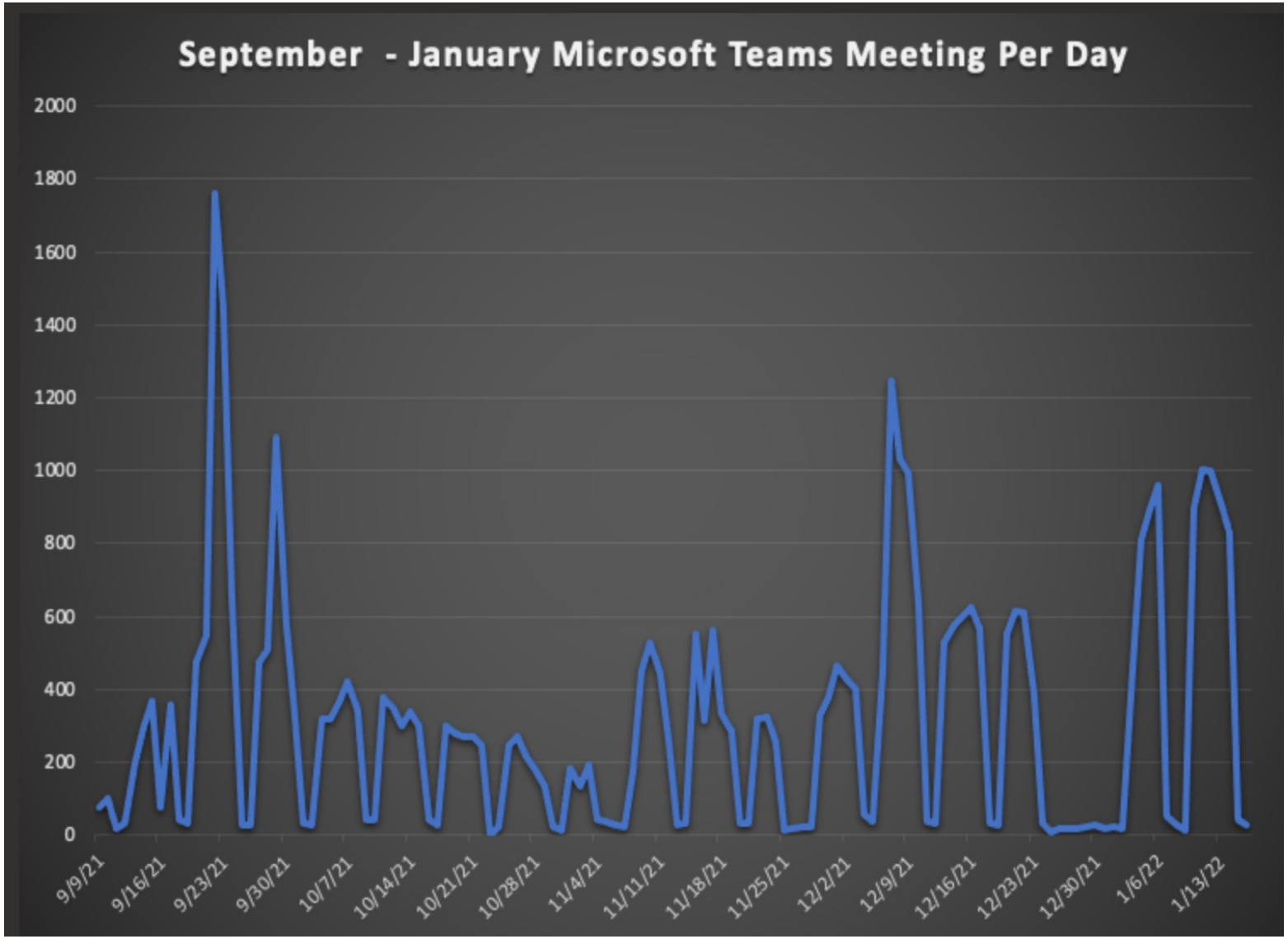
429,345- Chat Messages (Discussion in Teams)

13,000 hours of screen sharing during meetings

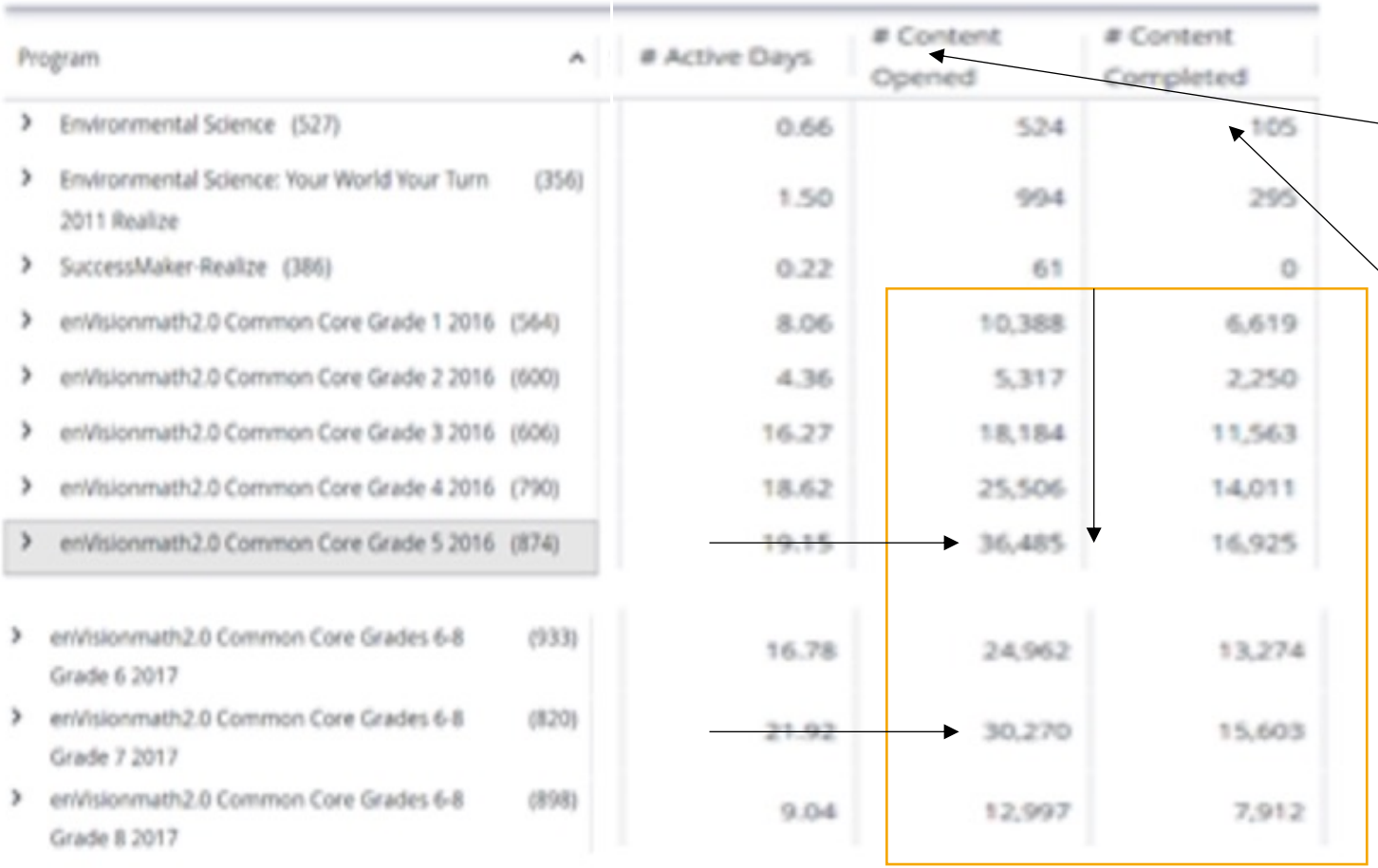
29,056 total meetings done over teams

September 2021 vs January 2022: Microsoft Teams Usage

- Teacher, Student, and Staff usage reports
- Meeting spiked for Open House in September and Parent-Teacher Conferences in December (both of which were held online)
- Meetings lowered during holiday breaks
- Overall, relative consistency across most weeks beginning in September



SAVVAS Math/Science Resources



Program	# Active Days	# Content Opened	# Content Completed
Environmental Science (527)	0.66	524	105
Environmental Science: Your World Your Turn 2011 Realize (356)	1.50	994	295
SuccessMaker Realize (386)	0.22	61	0
enVisionmath2.0 Common Core Grade 1 2016 (564)	8.06	10,388	6,619
enVisionmath2.0 Common Core Grade 2 2016 (600)	4.36	5,317	2,250
enVisionmath2.0 Common Core Grade 3 2016 (606)	16.27	18,184	11,563
enVisionmath2.0 Common Core Grade 4 2016 (790)	18.62	25,506	14,011
enVisionmath2.0 Common Core Grade 5 2016 (874)	19.15	36,485	16,925
enVisionmath2.0 Common Core Grades 6-8 Grade 6 2017 (933)	16.78	24,962	13,274
enVisionmath2.0 Common Core Grades 6-8 Grade 7 2017 (820)	21.92	30,270	15,603
enVisionmath2.0 Common Core Grades 6-8 Grade 8 2017 (898)	9.04	12,997	7,912

Content Opened is activities assigned by the teacher

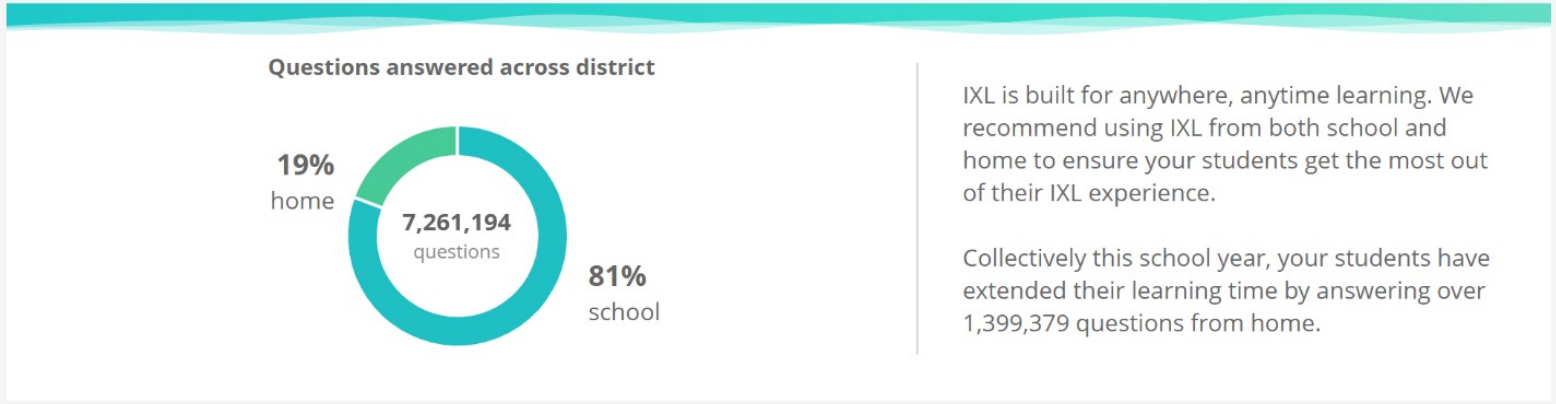
Content Completed is total assignments completed by the students

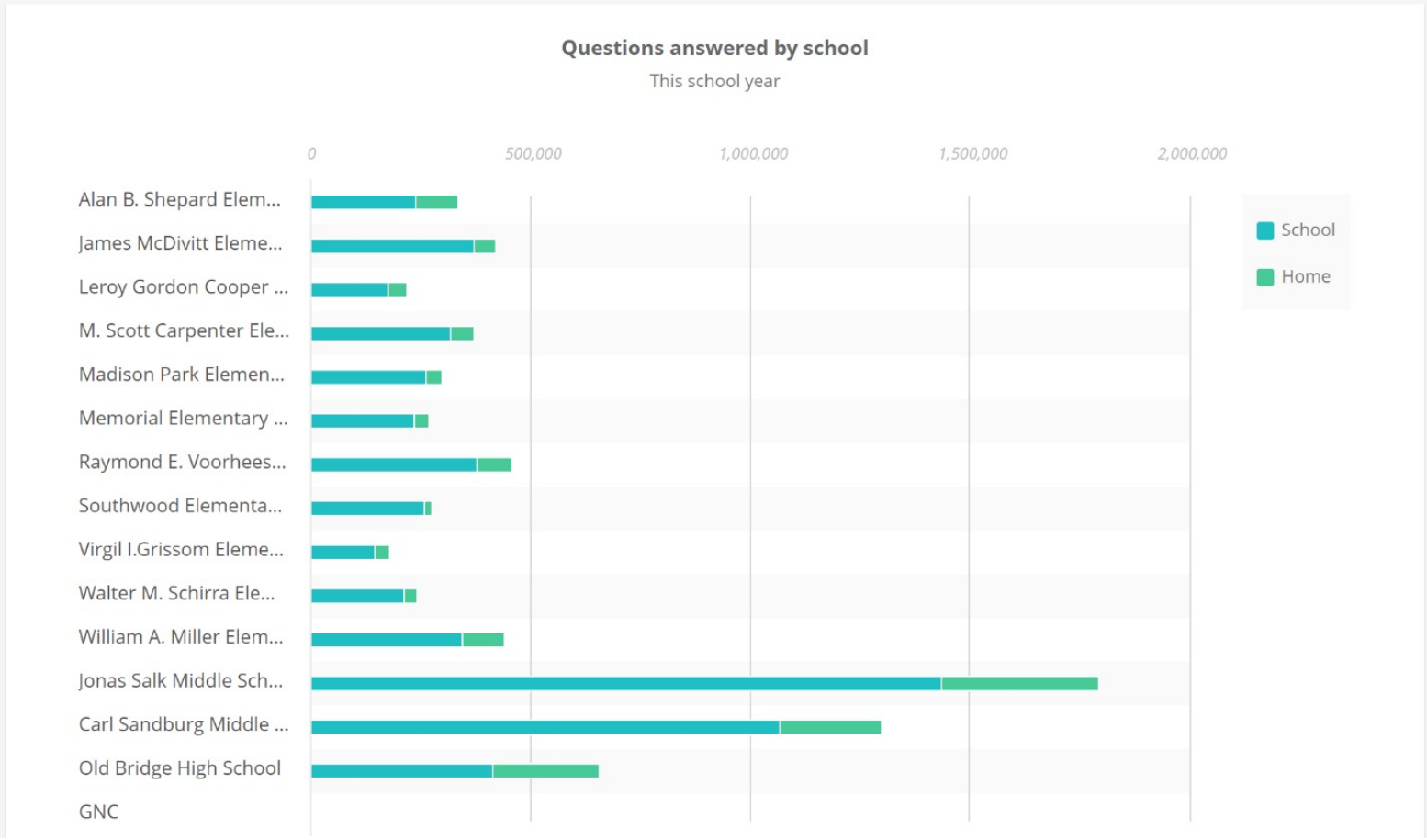
The discrepancy is the additional, supplemental materials automatically assigned through SAVVAS when teachers provide work

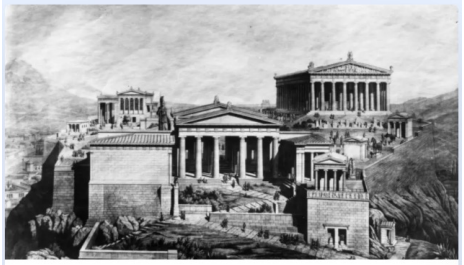
- Most elementary schools utilize IXL in school with some assignments at homework
- Secondary staff utilize the program more in school with equal parts at home assignment
- Districtwide, the usage report shows 80% of the time the program is used in schools and 20% at home

IXL:

Online Resource to provide specific academic activities on new or previously taught skills in Math, ELA, and Science







GOVERNMENT & ECONOMICS

Greek influence on U.S. democracy

GOVERNMENT & ECONOMICS

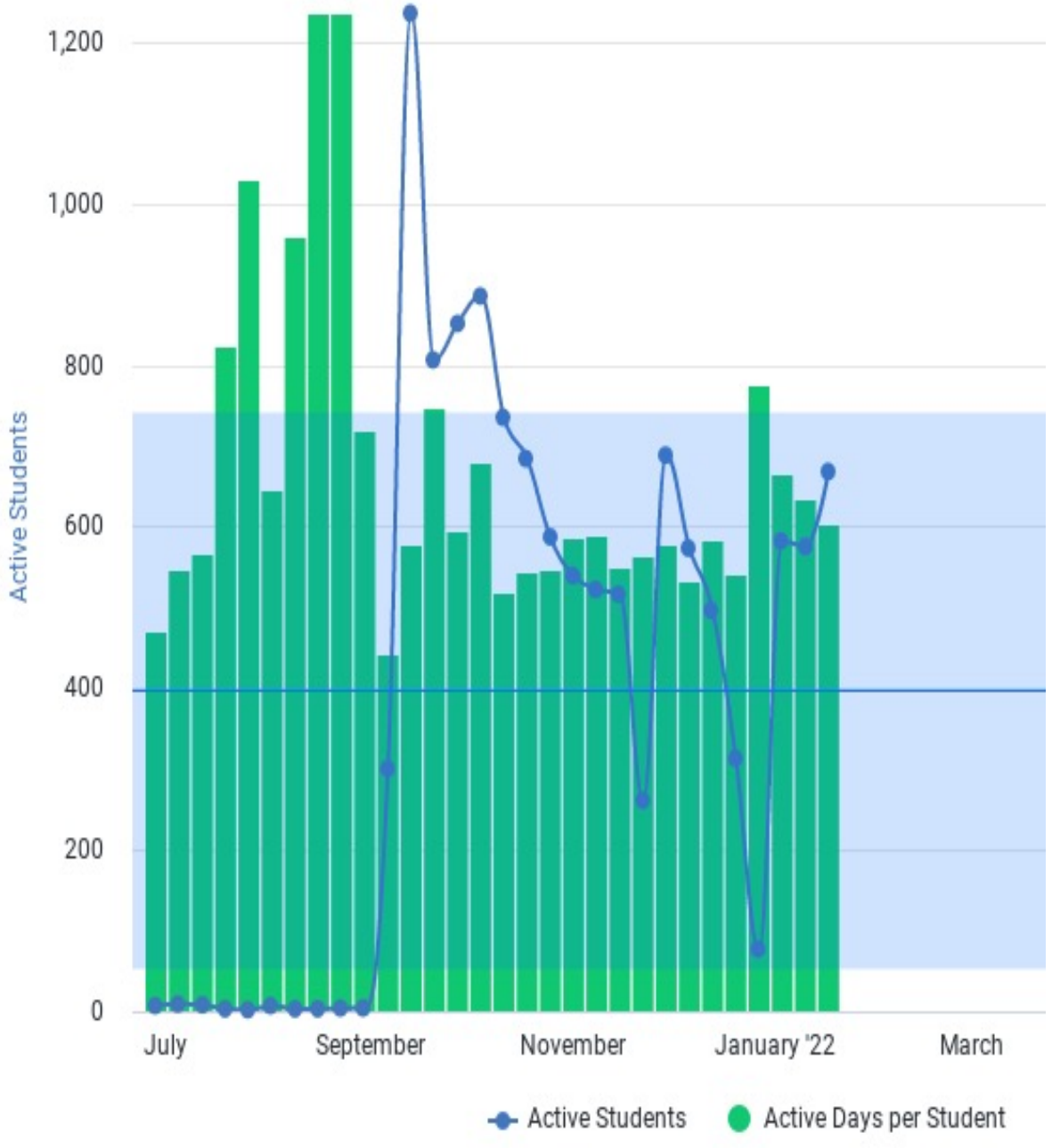
Issue Overview: How the U.S. elects its presidents

GOVERNMENT & ECONOMICS

Primary Sources: The Declaration of Independence

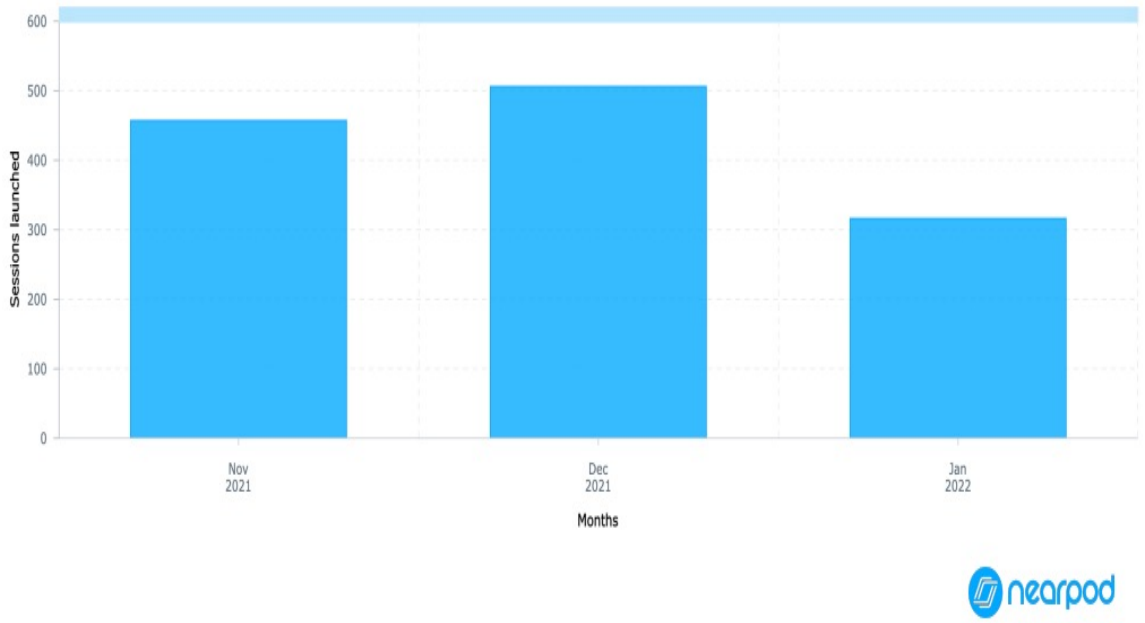
NewsELA

Africa	Age of Enlightenment and Revolutions	Age of Exploration and First Global Age	American Revolution
Ancient Civilizations	Art	Artifacts	Buddhism
Byzantine and Russian Empires	Cartoons	Central and South America	Central Asia
Checks & Balances	Christianity	Citizenship	Civics
Civil Rights Movement	Civil War & Reconstruction	Civilizations in the Americas	Cold War
Contemporary Presidents	Decades of the 20th Century	Domestic Policy	Early Americas
Early Human History	East and Southeast Asia	Economics	Egypt and Nubia
Entrepreneurship and Careers	Environment and Society	Europe	European Renaissance and Reformation
Executive Branch	Foreign Policy	Foundations of Government	Fundamentals of Economics
Geography	Gilded Age	Global Trade	Graphics



Nearpod: It allows the teacher to have interactive classroom tool to engage the students with interactive activities as well as create and deliver summative and formative assessments.

Nearpod - Usage Graphs
OLD BRIDGE TOWNSHIP
Time period: 11/01/2021 to 01/18/2022
Chart: Sessions Launched: The number of Nearpod sessions launched in the selected time period.



Month	# of Students Joined
September	7604
October	12751
November	8589
December	8568
January (as of 1/25/2022)	8306

Thank you!

Questions?