

# WEST IRONDEQUOIT

Instructional Technology Update/Report  
Smart Schools Investment Plan

April 7, 2016



- ▶ Current State/Target State
- ▶ Tech Planning and the Smart Schools Investment Plan

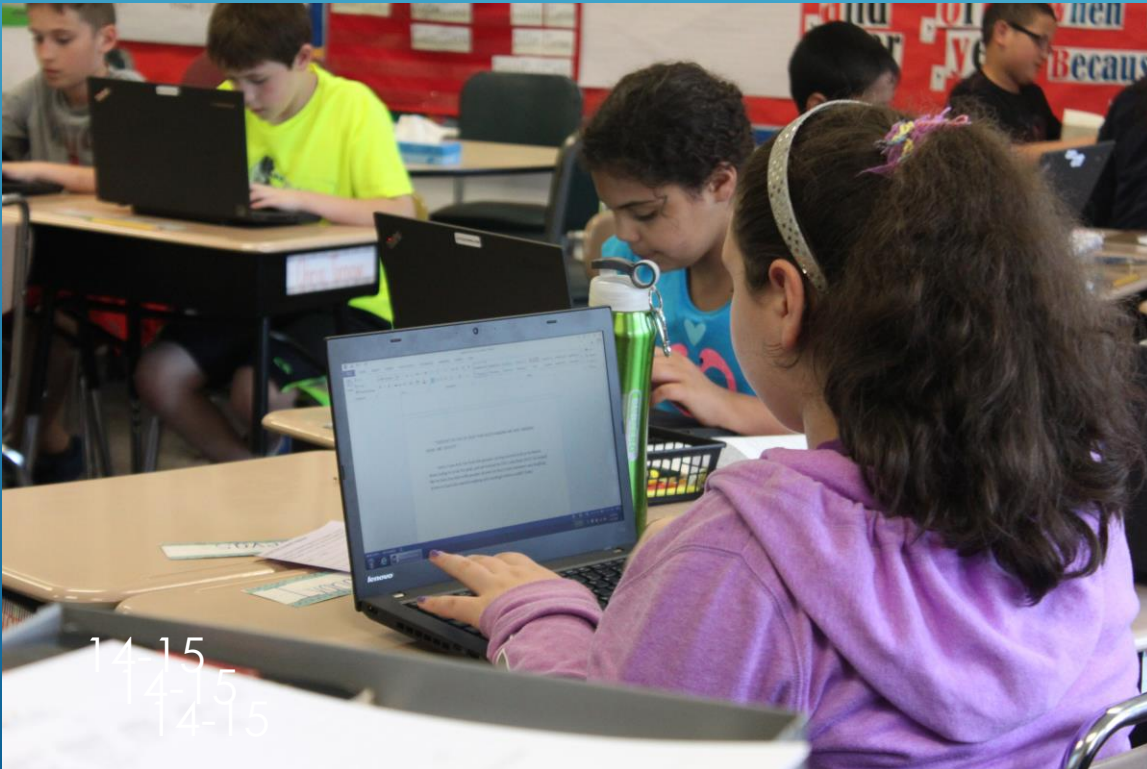
# PRESENTATION OUTLINE

## THE OVERALL GOAL REMAINS THE SAME

Integrate technology in support of student achievement, staff productivity and operational efficiency

## SSIP ALLOWS US TO EXPAND THIS TO INCLUDE SECURITY ENHANCEMENTS AND THE PACE OF OUR GROWTH

Analog to digital conversion and additional coverage for our video security system



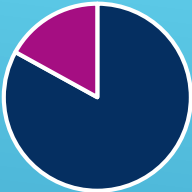
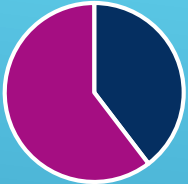
14-15  
14-15  
14-15



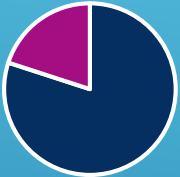
## PROGRESS UPDATE

- ▶ Wireless Coverage
- ▶ Device Distribution
- ▶ Infrastructure
- ▶ Security Related Updates

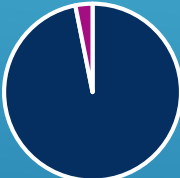
# WIRELESS COVERAGE



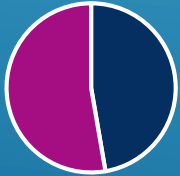
K-3



4-6



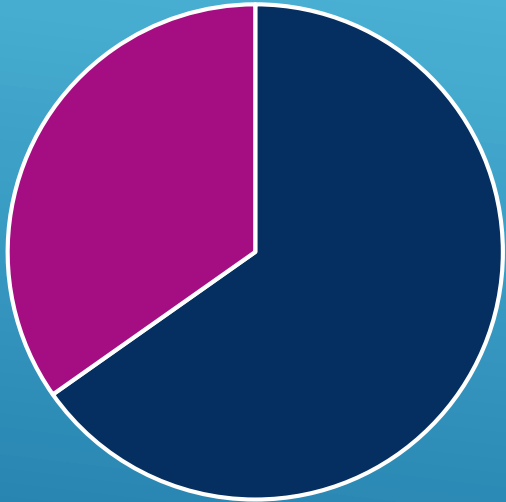
7-8



9-12

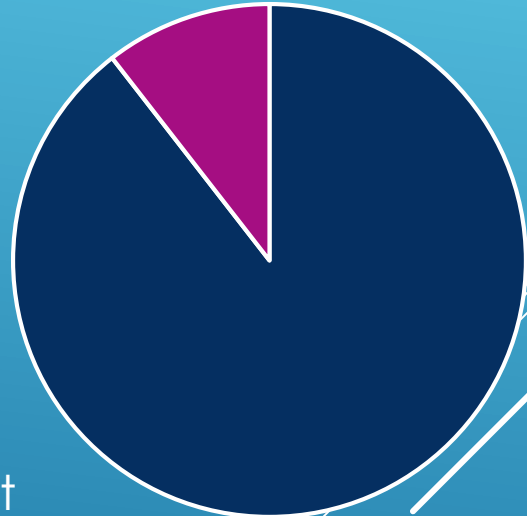
14-15

15-16



14-15

District



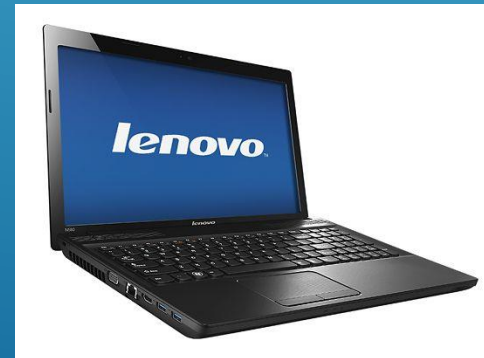
15-16

To Be Done

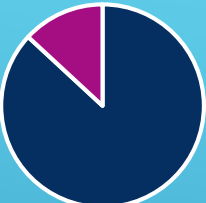
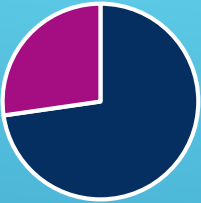
Installed

- ▶ Increased demand for on-line instructional tools
- ▶ Move toward digital resources like Reading Street
- ▶ Enhance opportunities for differentiation
- ▶ Support college and career readiness
- ▶ Support community/student access

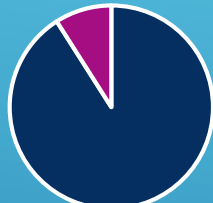
## HOW MANY DEVICES?



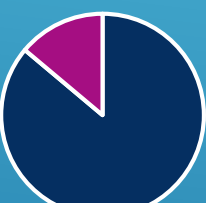
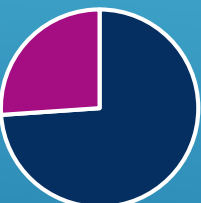
# DEVICE DISTRIBUTION



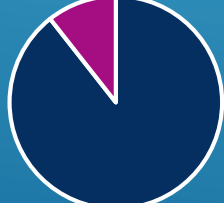
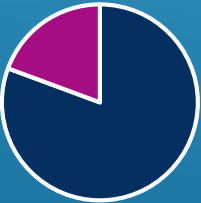
K-3



4-6



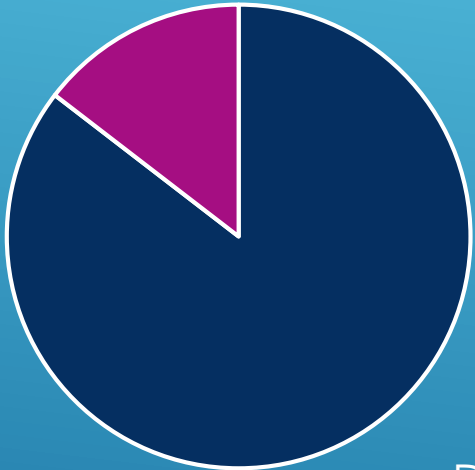
7-8



9-12

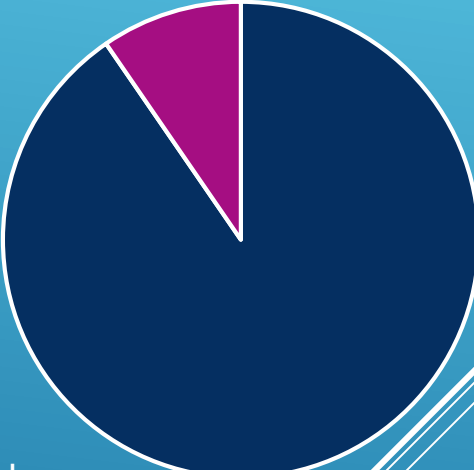
14-15

15-16



14-15

District



15-16

To Be Done

Installed

- ▶ K-3 Additional Classroom Machines
- ▶ 4-6 Additional Classroom Machines
- ▶ 7-8 Additional Carts
- ▶ 9-12 Additional Carts and Math Lab Support
- ▶ Continue to honor our 5 year replacement schedule
- ▶ Staff devices at all levels

# DEVICE PLACEMENT PLAN

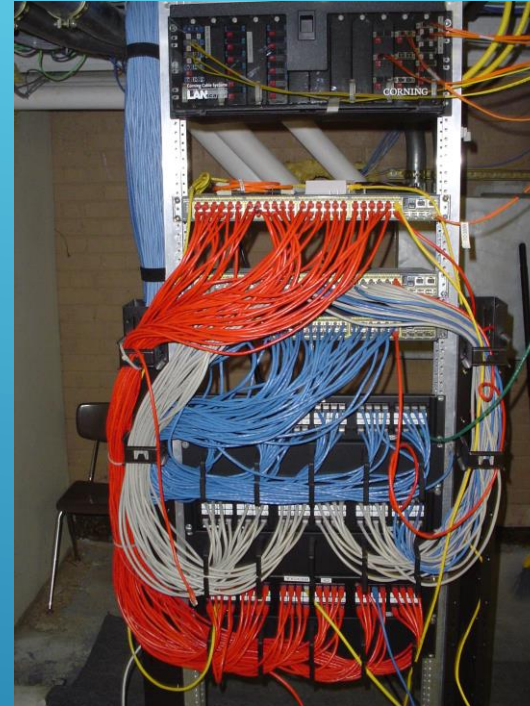


- ▶ Ever increasing file sizes
- ▶ Increased use of multi-media
- ▶ More consistent and concurrent access
- ▶ Centralized management tools and controls



# SOLID INFRASTRUCTURE

- ▶ Update our Hosts- “More Horsepower”
  - ▶ New servers recently installed at Dake and Rogers
- ▶ Increase Bandwidth- “Larger Pipes”
  - ▶ “Dark Fiber” is in place for move to 10GB
- ▶ More Storage Space- “Bigger Buckets”
  - ▶ New SANS installed this spring
- ▶ Support New Spaces/Functions
  - ▶ Full-day kindergarten
  - ▶ Capacity to move to VOIP phone system



# UPGRADES TO INFRASTRUCTURE

▶ School and Community Connectivity	475,000
▶ Move to 10GB backbone	
▶ Additional/replacement access points	
▶ Upgrades to wireless network control devices	
▶ Live Web streaming capability	
▶ Classroom Technology	425,000
▶ Replacement projectors and input devices	
▶ Increased laptop and desktop computer access and replacement plan	
▶ High Tech Security Features	500,000
▶ Additional and replacement security cameras	
▶ Placement of distributed network video recorders (video storage devices)	

# SSIP EXPENDITURES

- ▶ Public Presentation of SSIP to Board of Education on April 7th
- ▶ 30 Day Posting on the District Website
- ▶ Collect Feedback and Make Revisions
- ▶ Board of Education Vote on Final SSIP May 12<sup>th</sup>
- ▶ Post Final SSIP on the Website
- ▶ Submit to NYSED for Approval
- ▶ Begin Making Reimbursable Purchases During the 2016-2017 School Year

## PROCESS AND TIMELINE