



# EVERY STUDENT SUCCEEDS



” ensure that **EVERY CHILD** has equitable access to the highest quality educational opportunities, services and supports



## NEW YORK STATE ESSA FOCUS AREAS

**INSTRUCTION**  
FOR ALL STUDENTS

**SUPPORT**  
FOR ALL STUDENTS

**RESPONSIVENESS**  
FOR ALL STUDENTS

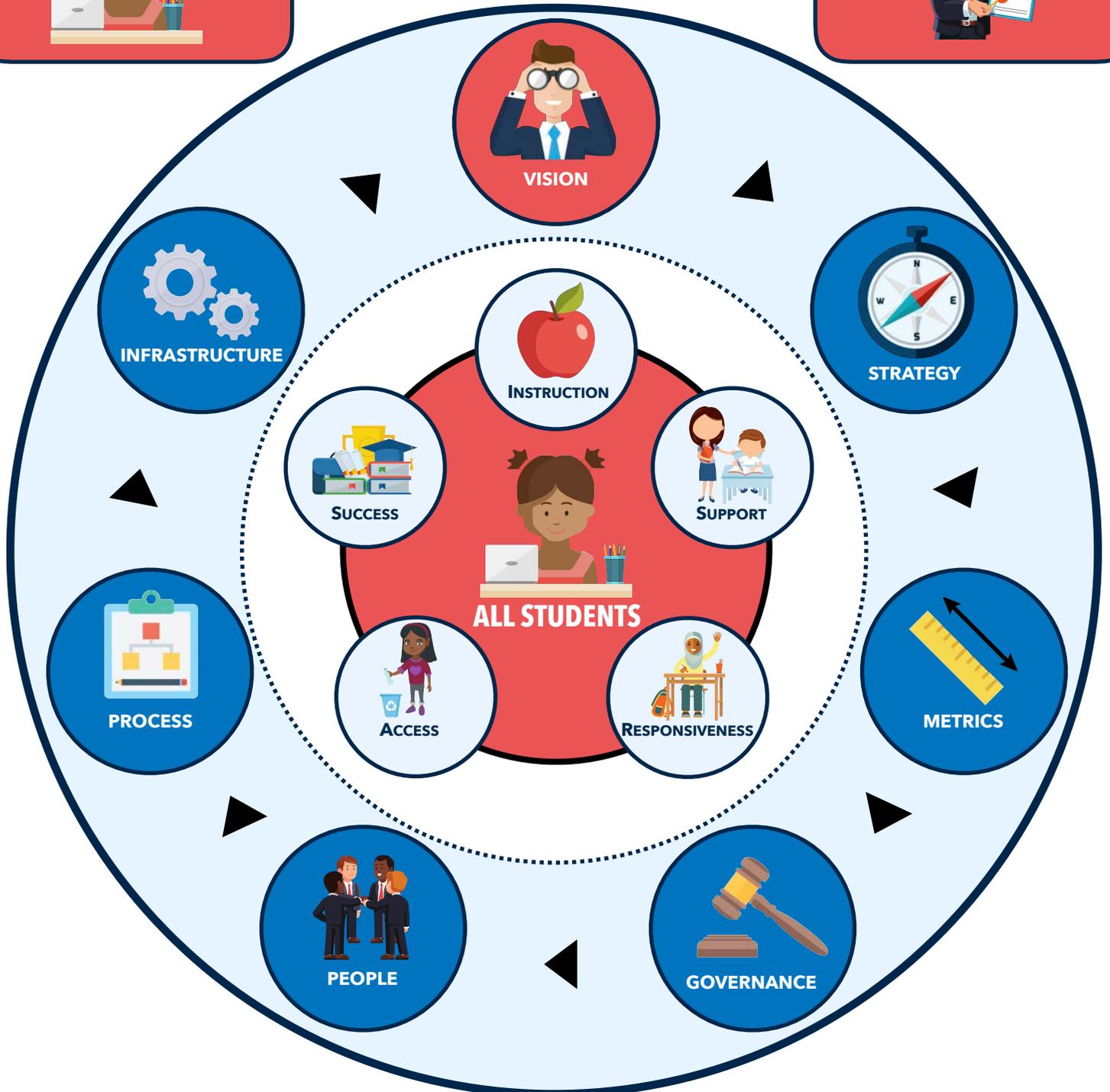
**ACCESS**  
FOR ALL STUDENTS

**SUCCESS**  
FOR ALL STUDENTS



**LINKED TO OUR MISSION**

**CAPABILITIES FOCUSED**



The diagram above was developed based on Gartner research.

# NYS EDUCATION PRIORITIES

## AREAS OF FOCUS

### INSTRUCTION FOR ALL STUDENTS

	<b>CURRICULUM AND STANDARDS</b> 	<b>ADVANCED LITERACIES</b> 	<b>ADVANCED COURSEWORK</b> 	<b>PERSONALIZED LEARNING</b> 
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### SUPPORT FOR ALL STUDENTS

	<b>STUDENT ATTENDANCE</b> 	<b>TRANSITIONAL SUPPORT</b> 	<b>STUDENT SERVICES &amp; SUPPORT</b> 	<b>SOCIAL-EMOTIONAL WELL BEING</b> 
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### RESPONSIVENESS FOR ALL STUDENTS

	<b>SCHOOL CLIMATE</b> 	<b>CULTURAL RESPONSIVENESS</b> 	<b>SAFETY</b> 	<b>PARENT RELATIONSHIPS</b> 
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### ACCESS FOR ALL STUDENTS

	<b>STAFFING RESOURCES</b> 	<b>EXCELLENT EDUCATORS</b> 	<b>EQUITABLE RESOURCES</b> 	<b>EXTRA-CURRICULAR OPPORTUNITIES</b> 
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### SUCCESS FOR ALL STUDENTS

	<b>COLLEGE, CAREER, &amp; CIVIC READINESS</b> 	<b>GRADUATION RATES</b> 	<b>POSTSECONDARY SUCCESS</b> 	<b>STUDENT ACADEMIC GROWTH</b> 
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# NYS EDUCATION PRIORITIES

## A CLOSER LOOK AT FIVE EXAMPLE PRIORITIES

### INSTRUCTION FOR ALL STUDENTS

PAGE 4



**CURRICULUM & STANDARDS**



**WORLD-CLASS CURRICULUM**



**PRESCHOOL, STEM, ARTS, PHYSICAL EDUCATION, AND SOCIAL STUDIES**



**NEXT GENERATION ELA AND MATH STANDARDS**



### SUPPORT FOR ALL STUDENTS

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**STUDENT ATTENDANCE**



**ATTENDANCE AND ACHIEVEMENT CORRELATION**



**ATTENDANCE AND SCHOOL CLIMATE CORRELATION**



**CHORIC ABSENTEEISM PREVENTION**



### RESPONSIVENESS FOR ALL STUDENTS

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**SCHOOL CLIMATE**



**SCHOOL ENVIRONMENT AND ACHIEVEMENT CORRELATION**



**HARASSMENT, BULLYING, AND DISCRIMINATION PREVENTION**



**SOCIAL-EMOTIONAL SUPPORT AND POSITIVE DISCIPLINE**



### ACCESS FOR ALL STUDENTS

PAGE 7



**STAFFING RESOURCES**



**CLASS SIZE**



**NUMBER OF COUNSELORS PER STUDENT**



**NON-ACADEMIC SUPPORT SERVICES**



### SUCCESS FOR ALL STUDENTS

PAGE 8



**COLLEGE, CAREER, & CIVIC READINESS**



**DUAL ENROLLMENT COURSES**



**CTE ENDORSEMENT**



**CDOS ENDORSEMENT**



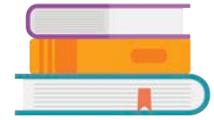


# CURRICULUM AND STATE STANDARDS

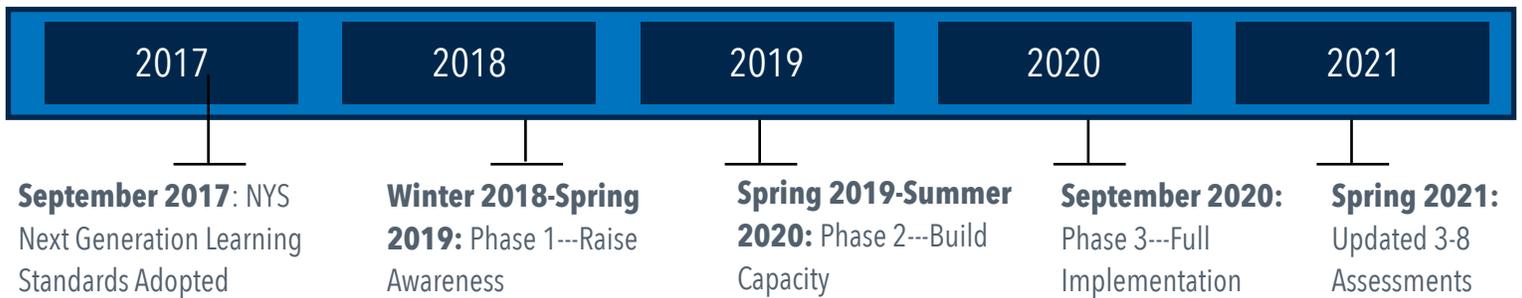
PROVIDING ALL STUDENTS WITH COMPARABLE ACCESS TO A WORLD-CLASS CURRICULUM ALIGNED TO NEXT GENERATION STATE STANDARDS (PAGE 6)



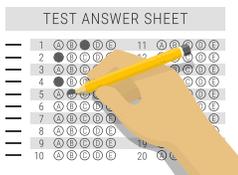
## NYS Next Generation LEARNING STANDARDS



### IMPLEMENTATION TIMELINE




## DATA SOURCE(S)



### STATE ASSESSMENTS

- REGIONAL DATA WAREHOUSE
  - 3-8 ASSESSMENTS
  - REGENTS ASSESSMENTS



### INSTRUCTIONAL TECHNOLOGY SYSTEMS

- LOCAL ASSESSMENTS
- ADAPTIVE LEARNING SOLUTIONS



## DATA WAREHOUSE

- Achievement Levels and Numeric Scores: 3-8 ELA and Math Testing, 4/8 Science Testing, Regents, NYSESLAT and NYSAA
- Item Analysis
- Instructional Strengths and Weaknesses
- State Assessment Included Indicator
- Potential Student Instructional Time
- Local and State Course Codes



## ESSENTIAL QUESTIONS

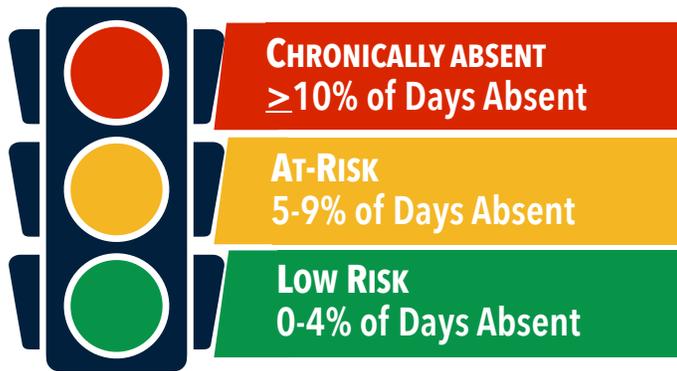
- What data sources or points of data are being utilized to support instruction, standards discussions, and curriculum and resource selection?
- What are some of the challenges faced with instructional-based data points and sources?



# STUDENT ATTENDANCE

**STUDENT ENGAGEMENT AND REGULAR SCHOOL ATTENDANCE ARE BOTH HIGHLY CORRELATED WITH STUDENT SUCCESS (PAGE 62)**

## CHRONIC ABSENTEEISM



**ELEMENTARY**  
LESS LIKELY TO BE ABLE TO READ AT GRADE LEVEL.



**MIDDLE**  
BY 6<sup>TH</sup> GRADE, CHRONIC ABSENCE IS AN **EARLY WARNING SIGN**.



**HIGH**  
BY 9<sup>TH</sup> GRADE, A **BETTER INDICATOR** THAN **TEST SCORES**.



## DATA SOURCE(S)



### STUDENT MANAGEMENT SYSTEMS

- ESCHOOLDATA
- ESCHOOLPLUS
- INFINITE CAMPUS
- POWERSCHOOL
- SCHOOLTOOL



## DATA WAREHOUSE

- Attendance Date
- Day Type
- Enrollment Entry/Exit Dates
- School Date
- School Year Date
- State Attendance Code (Excused, Unexcused, Tardy, In-School Suspension, Out-of-School Suspension)



## ESSENTIAL QUESTIONS

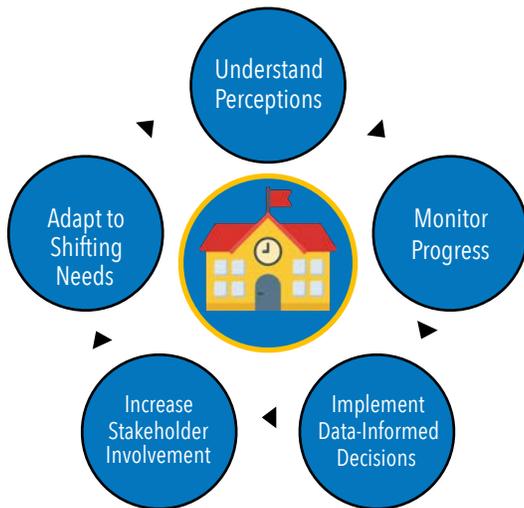
- How is student attendance data being used to celebrate or invoke change across the state or in a specific region or district?
- How can data points become more aligned across the state?



# SCHOOL CLIMATE

**RESTORATIVE PRACTICES ENCOURAGE HEALTHY RELATIONSHIPS AND SEEK TO RESOLVE CONFLICT RATHER THAN JUST PUNISH OFFENDERS (PAGE 117)**

## USING SCHOOL CLIMATE DATA



## CIVIL RIGHTS DATA COLLECTION (CRDC)

- District & School Characteristics
- Discipline
- Offenses
- Harassment & Bullying
- Restraint & Seclusion
- Single-Sex Interscholastic Athletics
- Early Childhood Education
- Pathways to College and Careers
- School Finance
- Teachers and Other Personnel



## DATA SOURCE(S)



## SCHOOL SAFETY AND THE EDUCATIONAL CLIMATE (SSEC)

- Violent and Disruptive Incidents
- Incidents of Bias
- Gang-Related Activity
- Location of Incident
- Number of Victims/Offenders
- Disciplinary Action Taken



### ED SCHOOL CLIMATE SURVEY (ECDLS)

- ENGAGEMENT
- SAFETY
- ENVIRONMENT

## ESSENTIAL QUESTIONS



- What additional data sources and points of data are available to support discussions about school climate?
- How can data points and sources become more uniform in collection and submission?



# STAFFING RESOURCES

**ACCESS TO NON-ACADEMIC SUPPORT SERVICES, SUCH AS SOCIAL-EMOTIONAL, BEHAVIORAL, MENTAL HEALTH, AND SOCIAL SERVICES BY SPECIALIZED INSTRUCTIONAL SUPPORT PERSONNEL** (PAGE 182)

**SOCIAL-EMOTIONAL • BEHAVIORAL • MENTAL HEALTH • SOCIAL SERVICES**

<b>GUIDANCE COUNSELORS</b>	<b>SOCIAL WORKERS</b>
<b>PSYCHOLOGISTS</b>	<b>AUDIOLOGISTS</b>
<b>SPEECH PATHOLOGISTS</b>	<b>SCHOOL NURSES</b>
<b>BEHAVIORAL SPECIALISTS</b>	<b>LICENSED CREATIVE ART THERAPIST</b>



## DATA SOURCE(S)



### ▶ FINANCIAL AND HUMAN RESOURCE SYSTEMS

- WINCAP
- NVISION



### ▶ ADMINISTRATIVE ANALYTICS SYSTEMS

- FORECAST5



## DATA WAREHOUSE

- Assignment Code
- Assignment Date
- Assignment Grade Level
- Assignment Location
- Contract Work Days
- Employment Basis
- Employment Separation Reason Code



## ESSENTIAL QUESTIONS

- How can data inform staffing resource conversations across regions?
- What other systems of data collection would be most beneficial when aligning staffing resources?



# COLLEGE, CAREER, AND CIVIC READINESS

TO ENSURE THAT STUDENTS GRADUATE WITH THE MOST RIGOROUS POSSIBLE HIGH SCHOOL CREDENTIAL WILL ENABLE MORE STUDENTS TO SUCCEED (PAGE 64)

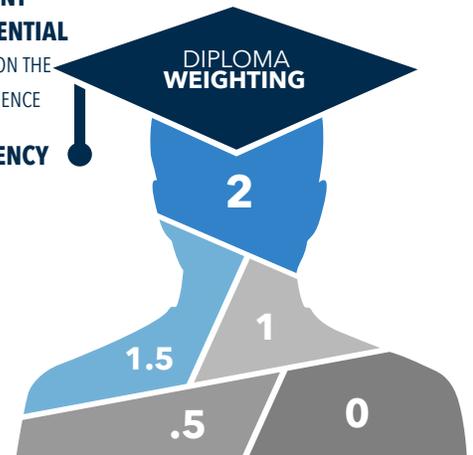
- 2** ▶ **REGENTS DIPLOMA** WITH ONE OF THE FOLLOWING:
  - ADVANCED DESIGNATION
  - CTE ENDORSEMENT
  - SEAL OF BILITERACY
  - A SCORE OF 3 OR HIGHER ON AN AP EXAM
  - A SCORE OF 4 OR HIGHER ON AN IB EXAM
  - INDUSTRY-RECOGNIZED CREDENTIAL OR PASSAGE OF NATIONALLY CERTIFIED CTE EXAMINATION
- ▶ **SKILLS AND ACHIEVEMENT COMMENCEMENT CREDENTIAL** WITH AN AVERAGE SCORE OF 4 ON THE NYSAA IN ELA, MATH AND SCIENCE

- 1.5** ▶ **REGENTS DIPLOMA** WITH ONE OF THE FOLLOWING:
  - AP, IB, OR DUAL ENROLLMENT CREDIT EARNED
  - CDOS ENDORSEMENT
- ▶ **SKILLS AND ACHIEVEMENT COMMENCEMENT CREDENTIAL** WITH AN AVERAGE SCORE OF 3 ON THE NYSAA IN ELA, MATH AND SCIENCE

- 1** ▶ **REGENTS DIPLOMA**
- ▶ **LOCAL DIPLOMA**
- ▶ **SKILLS AND ACHIEVEMENT COMMENCEMENT CREDENTIAL** WITH AN AVERAGE SCORE OF 2 ON THE NYSAA IN ELA, MATH AND SCIENCE

- 0.5** ▶ **HIGH SCHOOL EQUIVALENCY DIPLOMA**
- ▶ **CDOS CREDENTIAL**

- 0** ▶ **NO DIPLOMA**



## DATA SOURCE(S)



### ▶ STUDENT MANAGEMENT SYSTEMS

- ESCHOOLDATA
- ESCHOOLPLUS
- INFINITE CAMPUS
- POWERSCHOOL
- SCHOOLTOOL



## DATA WAREHOUSE

- CTE Program Type
- Dual/Concurrent Enrollment
- First Day of Entry into Grade 9
- Enrollment Exit Date
- Reason for Ending Enrollment
- Assessment Score
- Career Path Code



## ESSENTIAL QUESTIONS

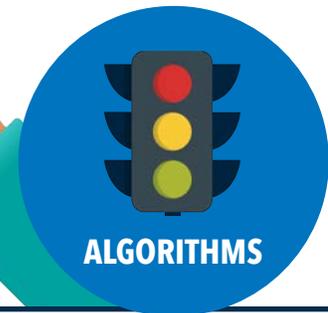
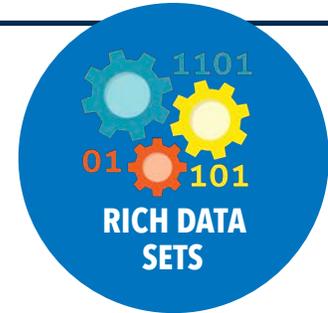
- What enhancements or modernization are needed when collecting data to support college, career and civic readiness?
- How can stakeholders access this data more easily or with greater regularity?

# DATA ANALYTICS

## EFFECTIVE ANALYTICAL TOOLS

IN ORDER TO ENSURE DATA TOOLS ARE **MEANINGFUL**, NEEDS ARE IDENTIFIED AND PRIORITIZED BY INSTRUCTIONAL LEADERS.

MULTIPLE DATA ELEMENTS ARE CONNECTED TO SUPPORT **HOLISTIC ANALYSIS**.



DATA VIEWS ARE **USER-FRIENDLY** AND PURPOSEFUL.

NEW TECHNOLOGIES SUPPORT EFFICIENT MOVEMENT TO THE **ACTION PHASE**.

## LEARNING ANALYTICS SPECTRUM



**DESCRIPTIVE**

What happened?



DATA

**DIAGNOSTIC**

Why?



PATTERN

**PREDICTIVE**

What will happen?



FORECAST

**PRESCRIPTIVE**

What can we do?



DECISION

The diagram above was developed based on Gartner research.





# EVERY STUDENT SUCCEEDS

**INSTRUCTION • SUPPORT • RESPONSIVENESS • ACCESS • SUCCESS**



New York State  
**EDUCATION DEPARTMENT**



New York State  
**BOARDS OF COOPERATIVE EDUCATIONAL SERVICES**



New York State  
**REGIONAL INFORMATION CENTERS**



New York State  
**BIG 5 SCHOOL DISTRICTS**