

# Four Types of Data

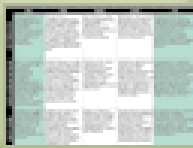
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*Adapted from the work of Victoria Bernhardt*



“Until you are willing to become confused about what you already know, what you know will never become, wider, bigger, or deeper.”

Milton Erickson



RUBRICS



PLAN  
IMPLEMENT  
EVALUATE  
IMPROVE

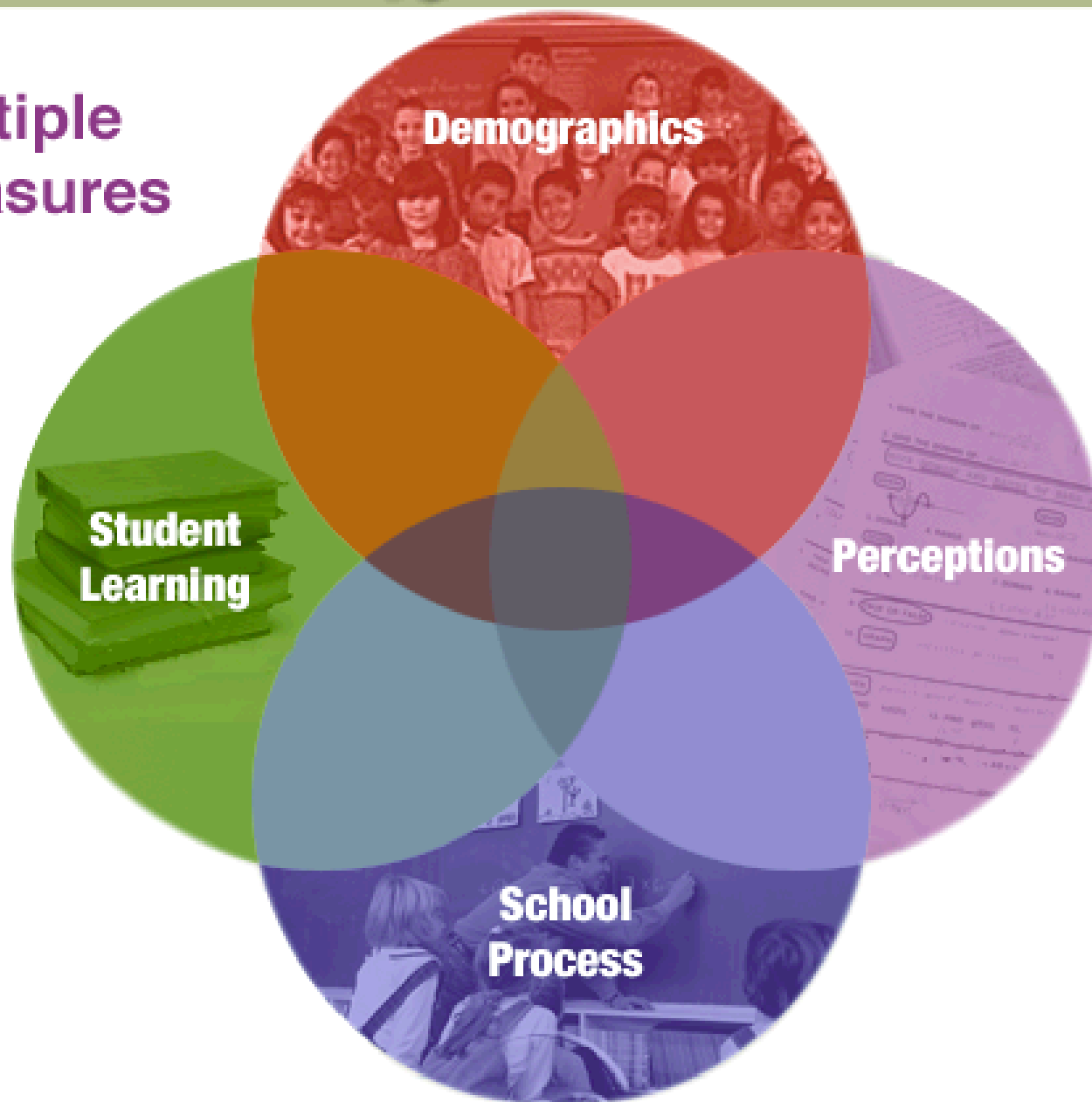


SCHOOL  
PORTFOLIO  
GARDEN



SCHOOL  
PORTFOLIO  
MENU

# Multiple Measures



Information  
& Analysis

Student  
Achievement

Quality  
Planning

Professional  
Development

Leadership

Partnership  
Development

Continuous  
Improvement  
& Evaluation



# Demographics

- **Who are the students, staff and community and how have they changed over time?**
- Useful to build the context of the school
- Critical and necessary to identify trends and make predictions



# Demographic data...

## **Students**

- Enrolment history
- Gender
- Date of birth
- Attendance
- Expulsions
- Suspensions
- First language, ESL
- Special needs, IEP, IPRC


## **Staff**

- Teaching/support assignments
- Qualifications
- Years of experience
- Gender
- Additional Professional Development, AQ courses



# Perceptions

- **How do students, parents and staff perceive the work of the school?**
- Tells schools about satisfaction with the work of the school
- Enables comparisons among views of different groups
- Useful for understanding what is possible



# Perceptual data...

- Questionnaires (students, teachers, parents)
- Interviews
- Focus Groups
- EQAO student questionnaires
- EQAO teacher questionnaires
- Can be quantitative or qualitative
- Can be informal (conversations, body language, emotional tone)



# School Processes

- **How do we do business?**
- Provides information about current approaches to teaching and learning, how our schools are organized
- It is these processes that will need to change to achieve different results





# School Process Data...

- Course offerings & student selections
- Timetable by grade and program
- Curriculum & Instructional Practices
- Assessment and evaluation practices
- Enrolment in special/unique programs
- Budget allocations & expenditures by types of activities
- Staff assignments
- Extracurricular programs



# Student Learning

- **Which students are succeeding academically and which are not?**
- Helps schools to see results
- Reflects student engagement with learning
- Essential to guide planning, leadership, partnership and staff development



# Student Learning Data...

- Pass rates, report card marks
- Credit accumulation
- Diagnostic assessments
- Graduation & school leaver rates
- EQAO assessment results
- Post-secondary destinations



# Preconditions for School Improvement:

- Instructional coherence
  - Are the right people doing the right things for the right students and consistently so?
- A shared vision for school improvement
- Evidence informed decision-making