State Longitudinal Data System (SLDS) – Connecticut

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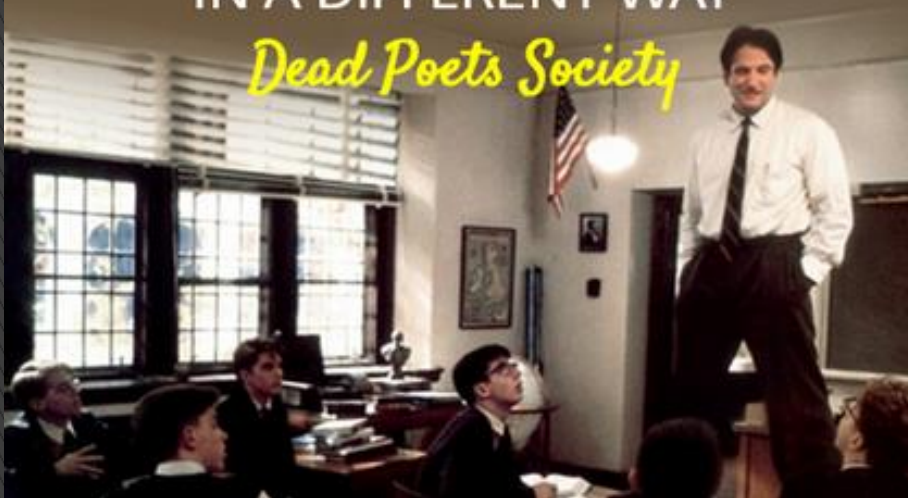
Two Perspectives of the CT SLDS
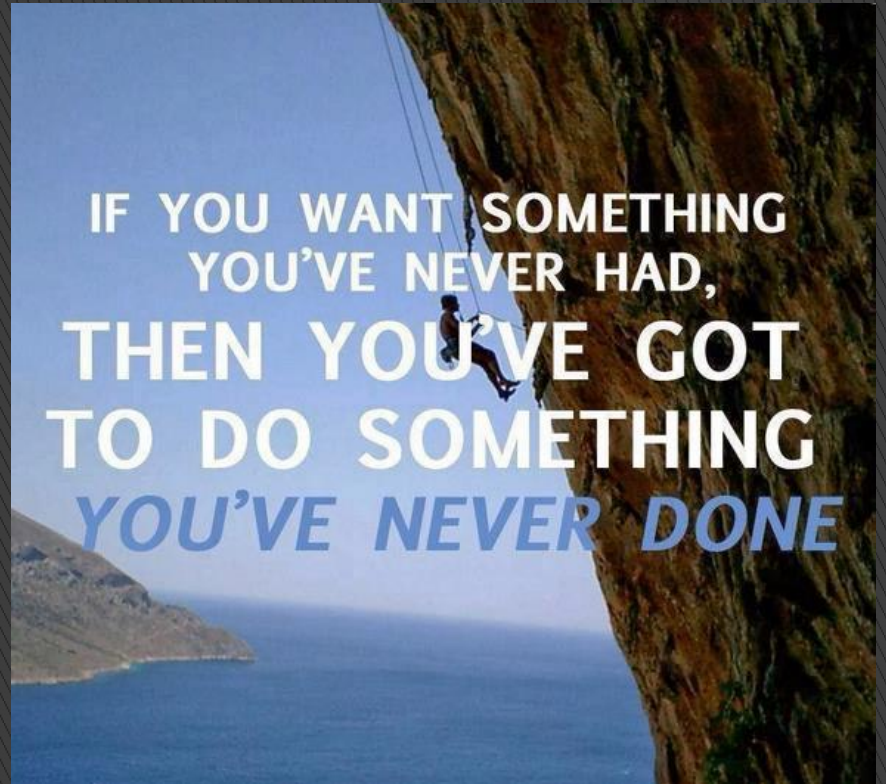
- *Intra*-agency

- *Inter*-agency

I STAND UPON MY DESK TO REMIND MYSELF THAT WE MUST CONSTANTLY LOOK AT THINGS IN A DIFFERENT WAY

Dead Poets Society

IF YOU WANT SOMETHING YOU'VE NEVER HAD, THEN YOU'VE GOT TO DO SOMETHING YOU'VE NEVER DONE

Intra-Agency: Data Warehouse Flow and Access (CSDE)

Public

Aggregate Data (suppressed)

Class/Student Data (not suppressed)

Administrators, Teachers, CSDE

Data Warehouse (Dimensional)

ETLs

Operational Data Store (Relational, CEDS-mapped)

ETLs

Students

Staff

Organizations

Finance

Other Sources (SAT, AP, Smarter Balanced)

Data from Districts
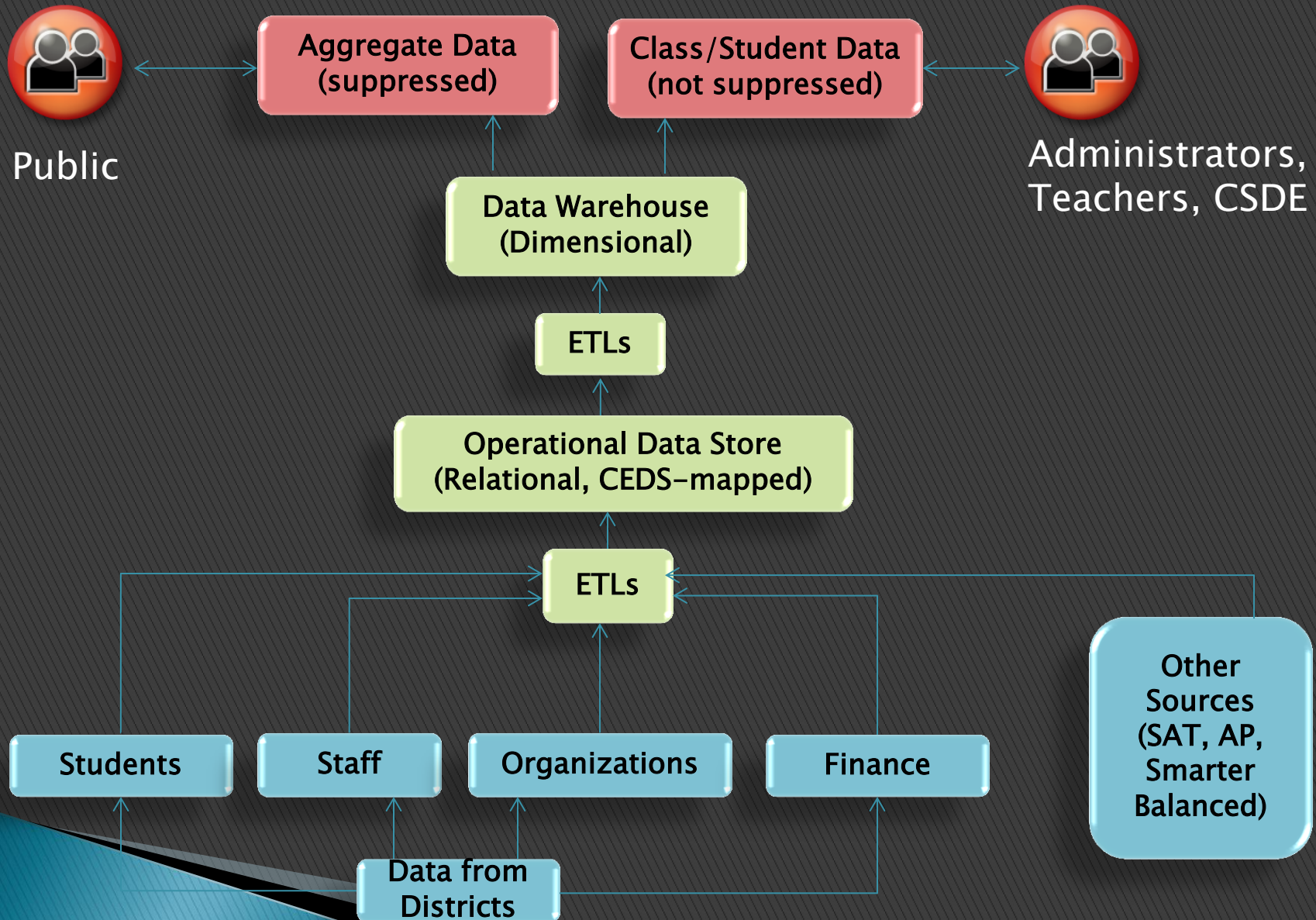
Questions a DW Can Answer

▸ What is the relationship between experiencing disciplinary sanctions in the early grades and attendance, discipline, and achievement in the later grades, and ultimately high school graduation?

▸ How long does it take new immigrant students in middle school with limited English proficiency to match the academic proficiency levels of their English proficient peers?

Questions a DW Can Answer

▸ What coursework in middle/high school changes the academic trajectory of historically under-performing students so that they are academically ready for colleges/careers by 11th grade?

▸ Why types of placement and coursework enable elementary students with certain disabilities to accelerate academic growth and close the achievement gap?

Benefits of a DW (if done right)

▸ Integrates Data *and* Staff Silos
▸ Ensures High Data Quality
▸ Promotes Consistent Analyses
▸ Provides Historical and Longitudinal Intelligence
▸ Saves Time and Resources (long-term)
▸ Serves as Central Store for Inter-agency Efforts

Overcoming Challenges

- Build in parallel
- Customize vs out-of-box development
- Master Data Management
- Culture change
- Suppression
- Hosting environment
- Reporting expertise

EdSIGHT INSIGHT INTO EDUCATION

Connecticut State
Department of Education

Customize▾

| Home | Overview | Students | Educators | Instruction | Performance |

Overview menu:
- Find School/District/Staff
- Fiscal Resources
- School/District Profile
- Special Education Annual Performance Reports

Sidebar:

Home

Overview
- Find School/District/Staff
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Students
- Enrollment Counts
- Attendance
- Discipline
- English Language Learners
- Students with Disabilities

Educators
- Staffing Level
- Demographics
- Background

Instruction
- Courses
- Resources

...nrollment

...ends in total public school enrollment are expected to continue for at least a few more years. The chart below shows the composition of this decline by student eligibility for free or reduced lunch. The number of ...e free lunch program is on the rise, while those eligible for reduced lunch has been relatively stable for the last four years. The population of students ineligible for free or reduced lunch has declined ...past several years. For more data on enrollment trends, click here.

Public School Student Counts by Free/Reduced Lunch Eligibility: School Years 2008-09 through 2013-14

Free/Reduced Lunch Eligibility — F — N — R
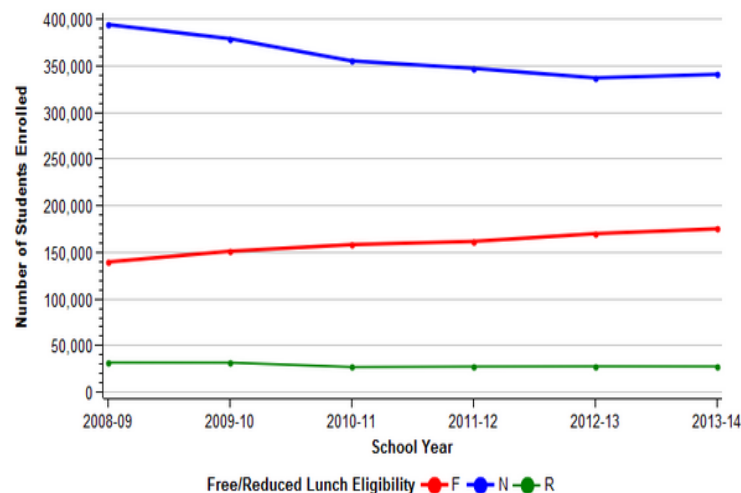
EdSight Development

This new site is a result of efforts by CT Department of Education staff, district and school administrators, teachers and parents. It is supported by federal and state funds. Many new reports across various data domains will be released over the next 5 months. See Process & Schedule for specific information.

Purpose

The purpose of this site is to provide one location for the public to access CT Education data. CSDE analysts are using the data warehouse behind this site to provide consistent, complex analysis to internal and external requestors. By the end of the school year, CT school and district staff will have secure access to timely, longitudinal information about the students they serve.

Inter-Agency: P20 Workforce Information Network (P20WIN)

Vision

P20 WIN will inform sound educational policies and effective program practices through secure sharing of critical longitudinal data across state agencies to ensure that individuals successfully navigate educational pathways into the workforce.
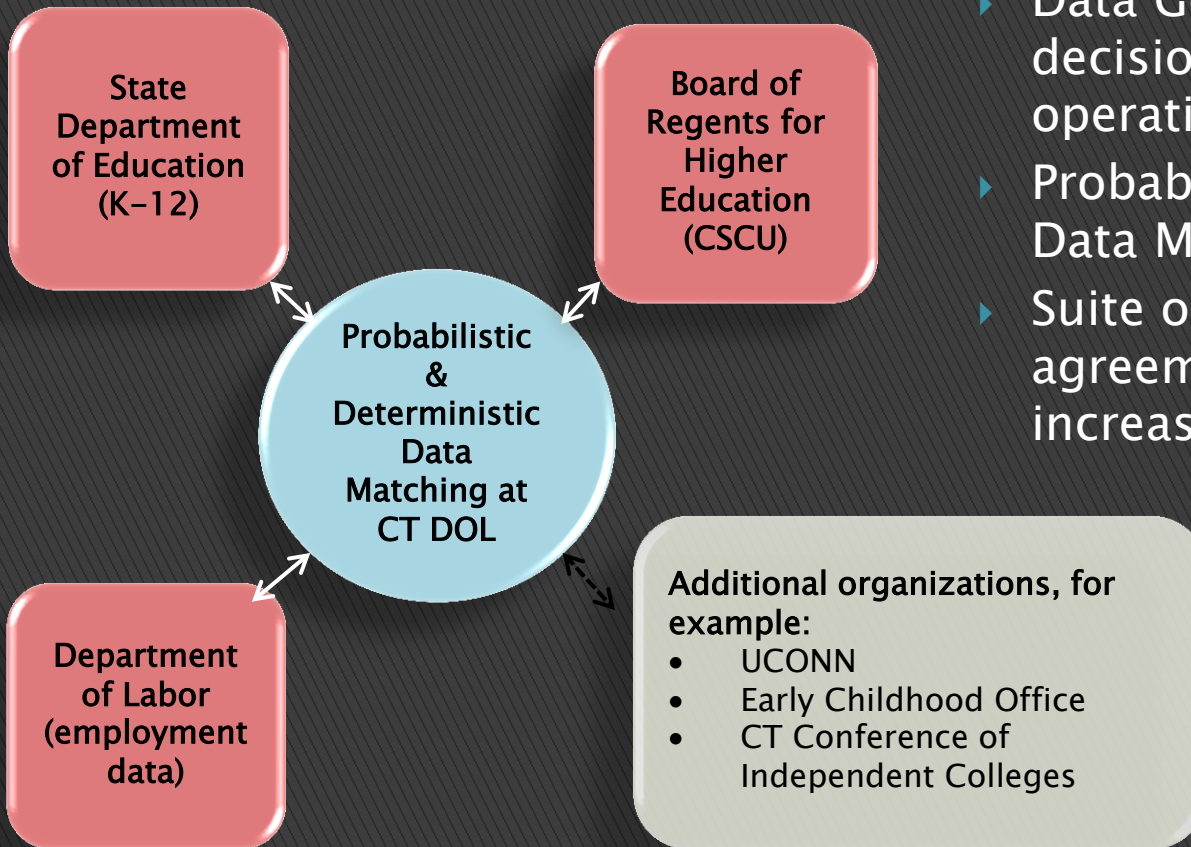
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Why P20 WIN matters

- What is the relationship between student participation / performance in specific high school courses and their corresponding success in credit-bearing college courses?

- Do Early College programs make a difference in college persistence rates?

- Which teacher training programs need to be strengthened and how?

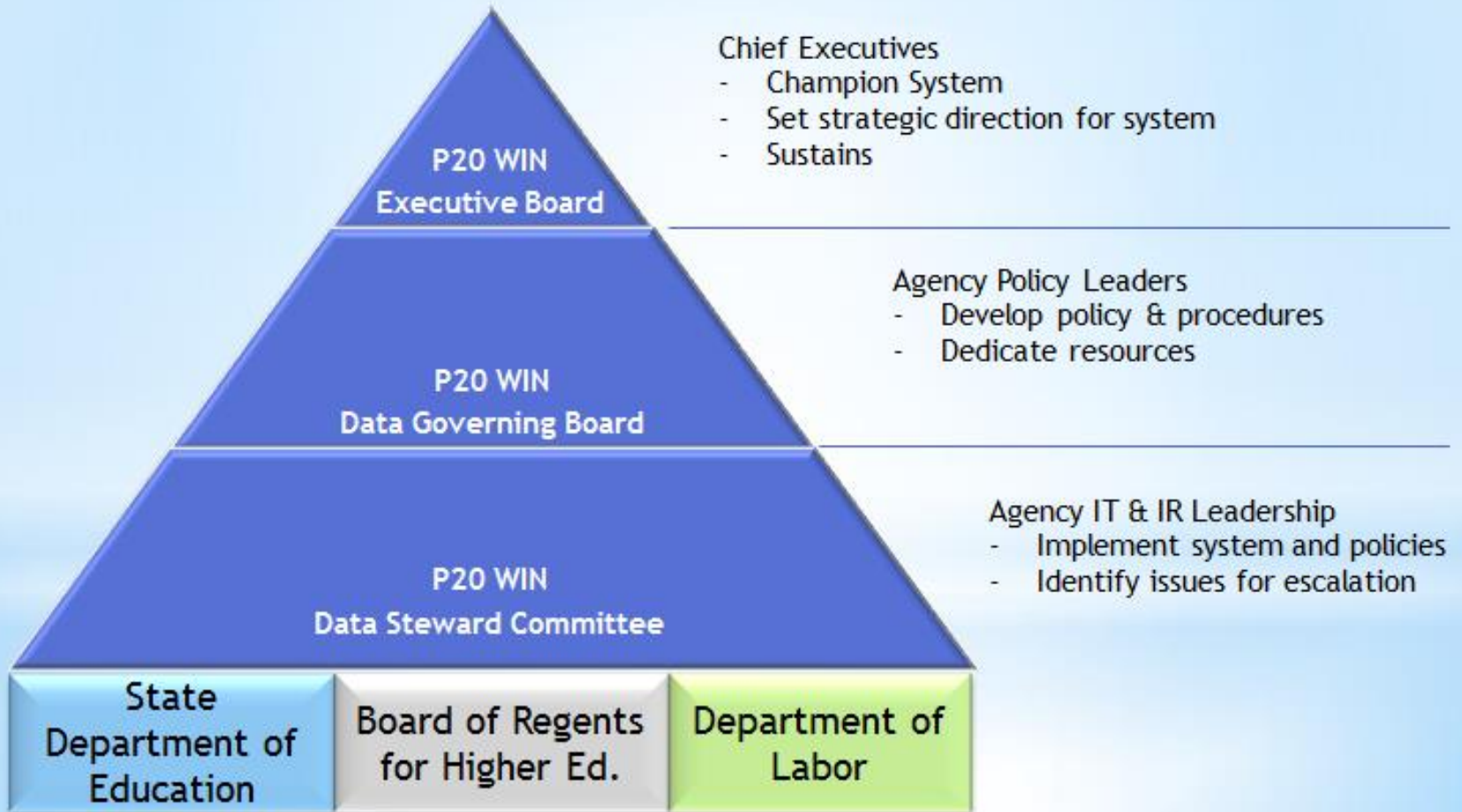- Have programs designed to serve local workforce needs resulted in employment for program completers?

P20WIN Structure & Components

State Department of Education (K-12)

Board of Regents for Higher Education (CSCU)

Probabilistic & Deterministic Data Matching at CT DOL

Department of Labor (employment data)

Additional organizations, for example:
- UCONN
- Early Childhood Office
- CT Conference of Independent Colleges

- ▸ Agency Collaboration
- ▸ Data Governance Structure for decision making and operational management
- ▸ Probabilistic & Deterministic Data Matching Process
- ▸ Suite of data sharing agreements with templates to increase efficiency

What have we built?

Chief Executives
- Champion System
- Set strategic direction for system
- Sustains

P20 WIN Executive Board

Agency Policy Leaders
- Develop policy & procedures
- Dedicate resources

P20 WIN Data Governing Board

Agency IT & IR Leadership
- Implement system and policies
- Identify issues for escalation

P20 WIN Data Steward Committee

State Department of Education

Board of Regents for Higher Ed.

Department of Labor

The State of the Network

- P20 WIN is Operational
  ◦ Data Requests processed: Data Sharing Agreements established. Approved data extracted, linked and analyzed
- New data and reports are ready to be released
- Additional & potential audits / evaluations
  ◦ Legislative Program Review and Investigations
  ◦ Educator Preparation NTEP & EPAC (Title II)
  ◦ Future of SDE's required reporting for SFSF
  ◦ Evolution of DOL's Legislative Report Card
- Planning for regular annual release of core data
- Expansion of network to include CCIC and UCONN

A Seedling: Putting Down Roots

- Expand Participating Agencies
- Cost Sharing Policy
- Support from DOL's WDQI Grant
- Budget Request to CT Legislature