

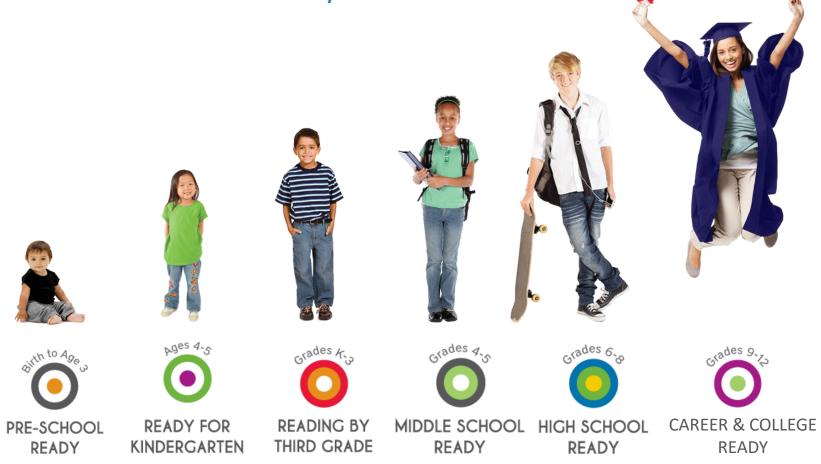
Collaborations in College and Career Readiness Evaluation

Dave Heistad, Ph.D. Executive Director Research, Evaluation and Assessment

Pathways to GRADUATION

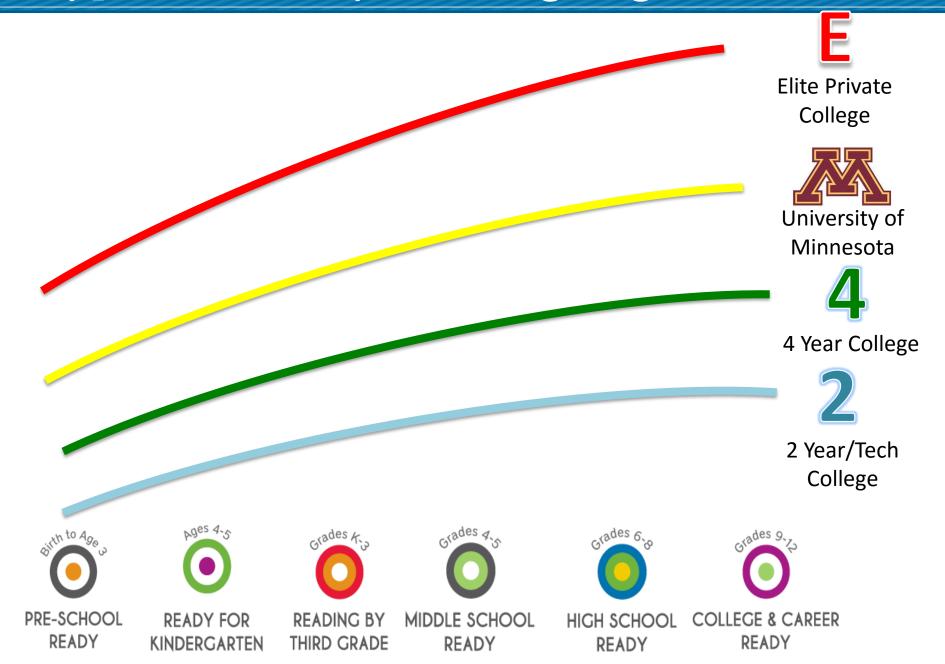


Personal Growth Plan for every student

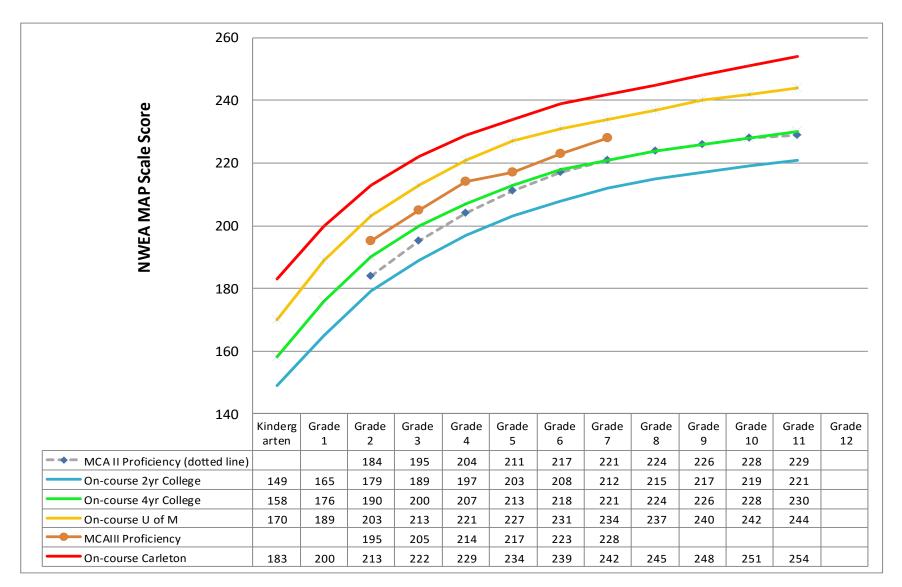


Milestones are student growth targets that are predictive of career and college success.

Typical Pathways - Using Higher Ed Data



Collaborating with Northwest Evaluation Association (NWEA) and T.I.E.S -K-12 Pathways to Graduation with MCAII and MCAIII Reading Targets



To Engage Parents

Iphone and Android App

Pathway information for parents and students











PERSONAL GROWTH PLAN

DASHBOARD

GOALS

ACADEMIC

LIFE & SOCIAL

CAREER & COLLEGE

Next Step Goal?

Workforce

Technical or 2 Year College 4 year college

You Selected 4 year college. What is your goal for a 4 year college?



Attend a selective 4 year college. Be 4 year college ready.

Be 4 year college eligible.

Your c	Your current long-term goal is: Four-Year College Ready								
		TARGET	YOUR STATUS						
~	PLAN English	15	21						
✓	PLAN Math	19	26						
✓	PLAN Reading	18	22						
✓	PLAN Science	20	24						
✓	PLAN Composite	19	23						
LEGEND ✓ Meeting requirements X Not on track									



-Year College Readiness

* Built on research (e.g. MAP, ACT and SLEDS)









DASHBOARD

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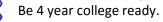
Next Step Goal?

- Workforce
 - Technical or 2 Year College 4 year college

You Selected 4 year college. What is your goal for a 4 year college?



Attend a selective 4 year college.



Be 4 year college eligible.

Community Service

42 hours

Log more hours

ACT World of Work Map



Employment History & Work-Based Learning Experiences

EMPLOYER	JOB TITLE	DATES OF EMPLOYMENT	DUTIES	
Kids Safari	Student Assistant	August 2015- present	homework helper, plan student activities	
Smith Family	Summer Nanny	Summer 2015	Responsible for three children, ages 2, 6 & 10	
(ADD ANOTHER	(SELF ENTRY)	(SELF ENTRY)	(SELF ENTRY)	

* Using data from Explore, PLAN, MCIS and DEEDS.



JHS and KHS 9th and 10th graders attending Math and Science classes at NCC



Normandale Community College

Pathways to College



COLLEGE & CAREER READY

Traditional Pathways

Innovative Pathways

PSEO

Concurrent Enrollment





15-16 Career Pathways

★ Building and Construction Trades



★ Criminal Justice/Law Enforcement



★ EMT/EMR



★ Registered Nursing Assistant



★ Information Technology

Strategic Partners



Department of Employment and Economic Development







Governor's Workforce Development Council

Policy Solutions that Work for Minnesota







Hennepin Technical College













An Affiliate of the Minneapolis Regional Chamber of Commerce











Statewide Longitudinal Education Data Systems (SLEDS)

Sharing of information







K-12 Database

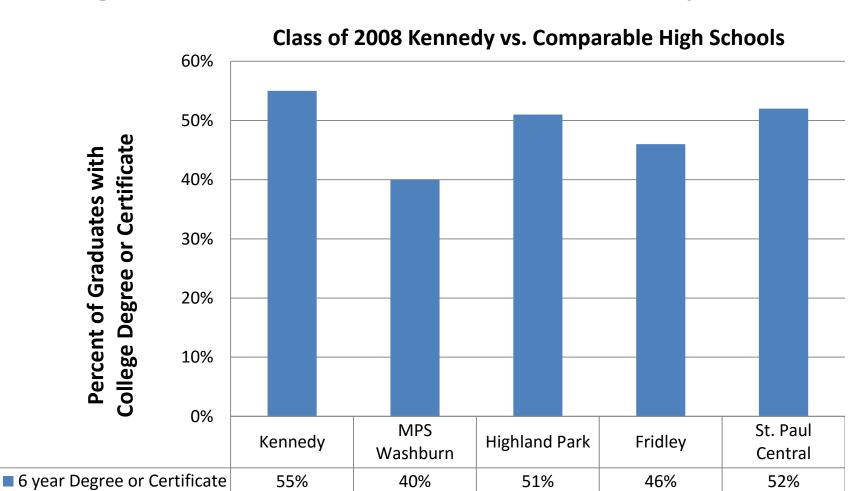
Higher Education Database

Jobs Earnings
Database

Initial SLEDS Discoveries

School	Statewide	Kennedy	MPS Washburn	Highland Park	Fridley	St. Paul Central
Number of students	60,249	307	159	265	146	376
Math Proficient (%)	18,087 (34%)	122 (41%)	142 (17%)	78 (32%)	59 (35%)	149 (42%)
ACT Mean	22.32	21.6	19.0	22.3	21.2	22.28
College in Mn	30,927 (51%)	173 (58%)	70 (47%)	143 (54%)	97 (61%)	188 (50%)
Outside Mn	9,181 (15%)	29 (10%)	35 (24%)	51 (19%)	17 (11%)	88 (23%)
2 nd year enroll	40,181 (81%)	245 (93%)	116 (84%)	204 (91%)	120 (80%)	283 (85%)
3 rd year enroll	35,573 (72%)	215 (81%)	95 (69%)	176 (78%)	103 (69%)	260 (79%)
4 th year enroll	31,810 (64%)	191 (72%)	85 (62%)	153 (68%)	88 (59%)	229 (69%)
Certificate, Diploma, or Higher	29,707 (49%)	176 (57%)	64 (40%)	134 (51%)	76 (42%)	197 (52%)
Associate Degree of Higher	26,063 (43%)	159 (52%)	48 (30%)	117 (44%)	64 (36%)	174 (46%)
Bachelor's Degree	20,283 (34%)	127 (41%)	35 (22%)	94 (35%)	52 (29%)	146 (39%)
Degree or Certificate within 4 years	16,503 (27%)	108 (35%)	40 (25%)	96 (36%)	37 (21%)	112 (30%)
Degree or Certificate within 6 years	29,707 (49%)	176 (57%)	64 (40%)	134 (51%)	76 (42%)	197 (52%)

Percent of Graduates with a College Degree or Certificate within 6 years



Recent SLEDS Findings

- ACT cut scores for 4-year College and Select 4-Year College were validated
- GPA is a much stronger predictor of College Entrance and Completion than test scores.
- For example Bloomington GPA of 3.4 or higher predicts with over 80% certainty whether a student in the class of 2009 will be enrolled in a 4-year college

Research Collaboration Return on Investment

Dr. Raymond Robertson

- Former Macalester College Economics Professor
- Texas A&M The Bush School of Government & Public Service
 Helen and Roy Ryu Chair in Economics and Government





Research Partner Social Emotional Learning (SEL)





CFO Dr. Kent Pekel



Perseverance Process

Search Institute's new Persevenance Process is an evidence-based solution to one of the most pressing problems in education and youth development today: increasing the capacity of young people to persevere through distraction and difficulty to accomplish challenging tasks in school and in Life. The Penseverance Process is not a new standakers program, but a framework and a set of supporting tools that schools can integrate into the work they already do with students and families. The Persynemace Process speks to improve educational outcomes by shaping a set of student mindests and below ion and prometing supportive "developmental" relationships that have been shown to influence the effort students exert in school and other areas of their lives.

Oner time, the effectiveness of the process will be measured through its impact or grade point averages (OPA), oxume fullare rates, attendance rates, suspension rates, and concrete plans for post-secondary education. Because the Personenance Process come to influence these outcomes by changing student mindsets, behaviors, and relationships with trackers, purents, and peers. Search Institute scholars have developed the Paracovrance Servey described here to provide valid and reliable data on those critical factors. The components of the Perseverance Process are captured in the naverages STECE TO IT (see but to right).

Share Searks Think Ferward, Act New runusus Intelligence with Effort reste a Serie of Belonging Keep Moving Through Obstacles

Think About Thinking. Orașeiro Life

Internalize Regulation Take Stock and Take Pride

Perseverance Survey Components

Inner Drives and Deepest Interests ("Sparks")

- Souths' talents. interests, and goals they are passismate. about ("Sparks")
- 2. Sports sharing (letting others know
- motivation and

Vision of and Actions to Reach **Future Goals**

- about their sparks)
- S. Achievement desire to succeed
- 1. Goal-Setting 2. Intentional self-regulation. 3. Taking initiative
- to reach goods 4. Planning & time management skills
- 5. Sense of purpose 6. Vision of possible selves future
 - mindedness 7. Metacognition/ self-evaluation

Growth Mindset

- 1. Belief in malleable intelligence
- 2. Relief is and some insent to hard work
- 3. Responsibility: accountability: 4. Operators to challenge
 - 5. Self-efficacy (general di scademic) 6. Mustery orientation

Mental Toughness

- 1. Determination 2. Ability to oversome
- adversity 3. Positive emotions 4. Acceptance of
- mistakes os port of learning.

Support and Challenge through Relationships

- 1. Experiencing developmental relationships (case, support, challenge, expansion of possibilities, and shared power in growth-othercing nelationships in the fastily, school, community; and past group)
- 2. For it adult support for stricing

Purpose: The Accompance Survey is designed to excess how much young people have the above interests, shifts, values, commitments. self-perceptions, and relational supports that analise there to pursoners toward taken! goals. The programs of towards behind the Postswavane Marway is designed to 1) investigate the relationship of presentance with various indicators of youth well-being, and 2) help youth, Baralies, and organizations to use the survey as a tool to build young people's personance. Roughly 75 persons of the measures in the survey come from proviously used beauti heditate items and scales with sound psychometric proporties. Subsolt and youth programs that utilize the Persevenance Serves will also have the option of implementing the strategies and techniques of Search Lutitute's new Persevenance Process, which arguges young people and their families in interesting activities that strongthen young people's habits of motivation and persistence.

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Research Partner Standards



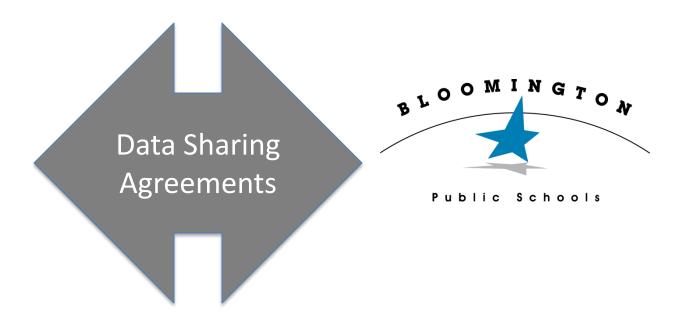
Research on Standards-based Grading NSF Grant application

Dr. Geoff Maruyama
Department Chair
Educational Psychology
University of Minnesota

Research Partner Hennepin County



Workforce Leadership Council



- Early Childhood
- Homeless
- Foster
- Teen Parents



Questions?