Using Diagnostics to Craft a Postsecondary Plan

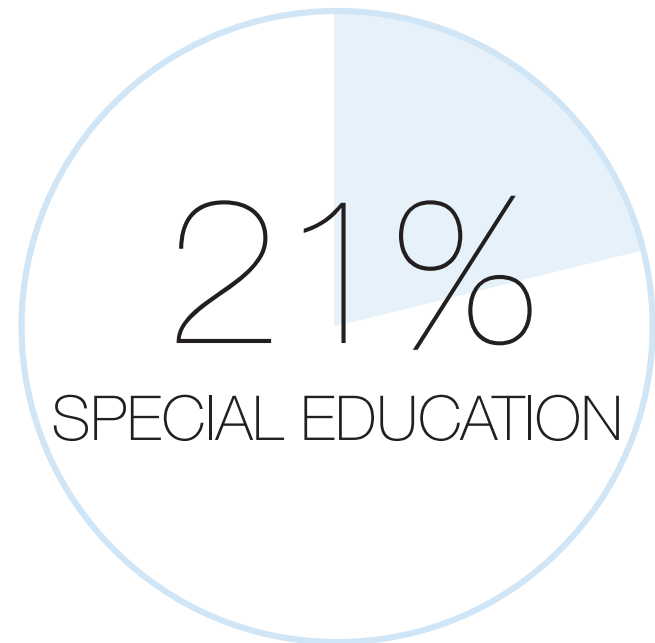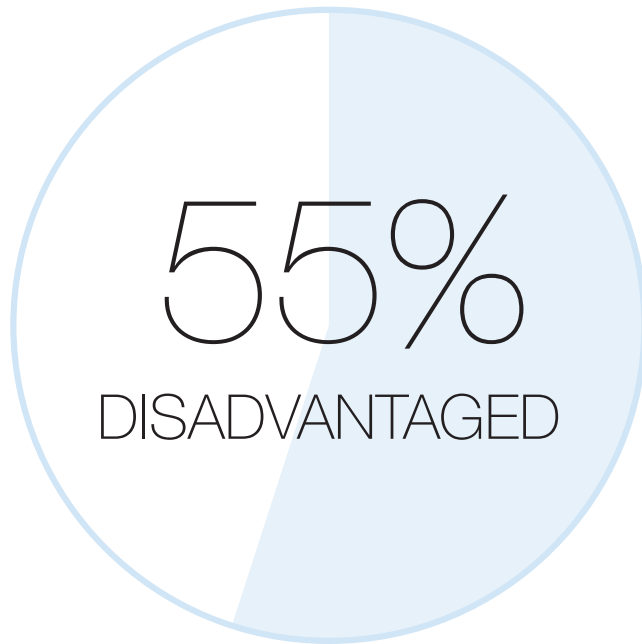Andrea Conner   Mark Edwards   Mark Slagle

The Goshen Local School District

High needs

Limited vision

55%
DISADVANTAGED

21%
SPECIAL EDUCATION

Achievement vs Success

The Goshen Local School District

An evolving path necessitates a new plan

Middle grades

High school

College/ career

Happy, successful adult

The Goshen Local School District

An evolving path necessitates a new plan

More assessments, more diagnostics, more confusion

SRI lexile

Pro-Core

AimsWeb

TenMarks

Aptitude tests

ENGAGE

ACT

ASPIRE

Middle grades

High school

College/ career

Happy, successful adult

The Goshen Local School District
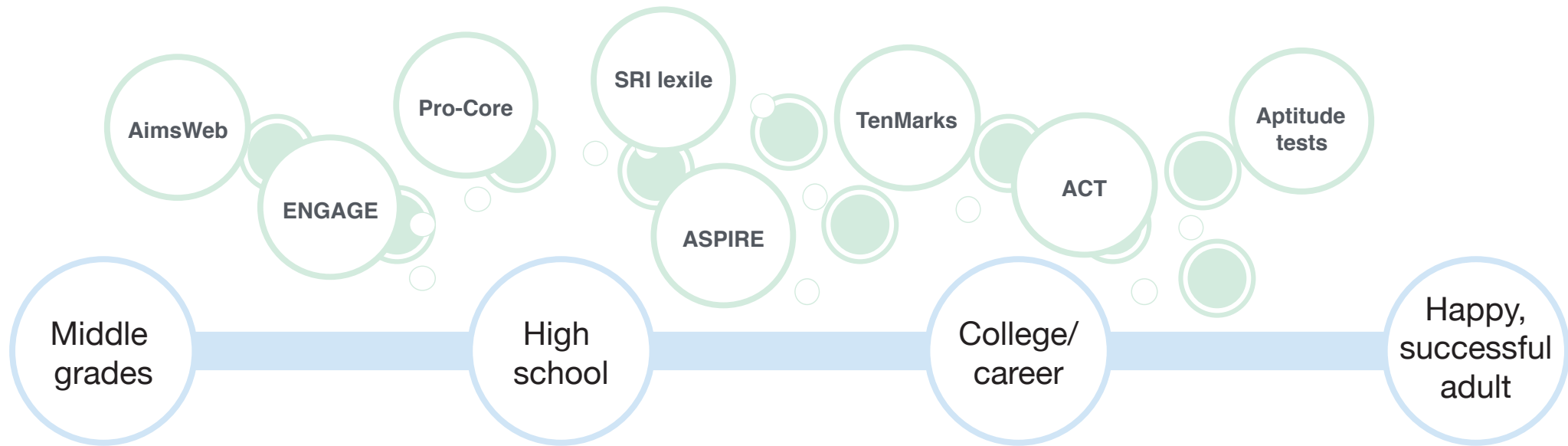
An evolving path necessitates a new plan

Stakeholders don't have access to information

AimsWeb

TenMarks

Pro-Core

Aptitude tests

ENGAGE

ACT

ASPIRE

Middle grades

High school

College/ career

Happy, successful adult

Parents

Admins

Employers

Students

Teachers

Schools

The Goshen Local School District
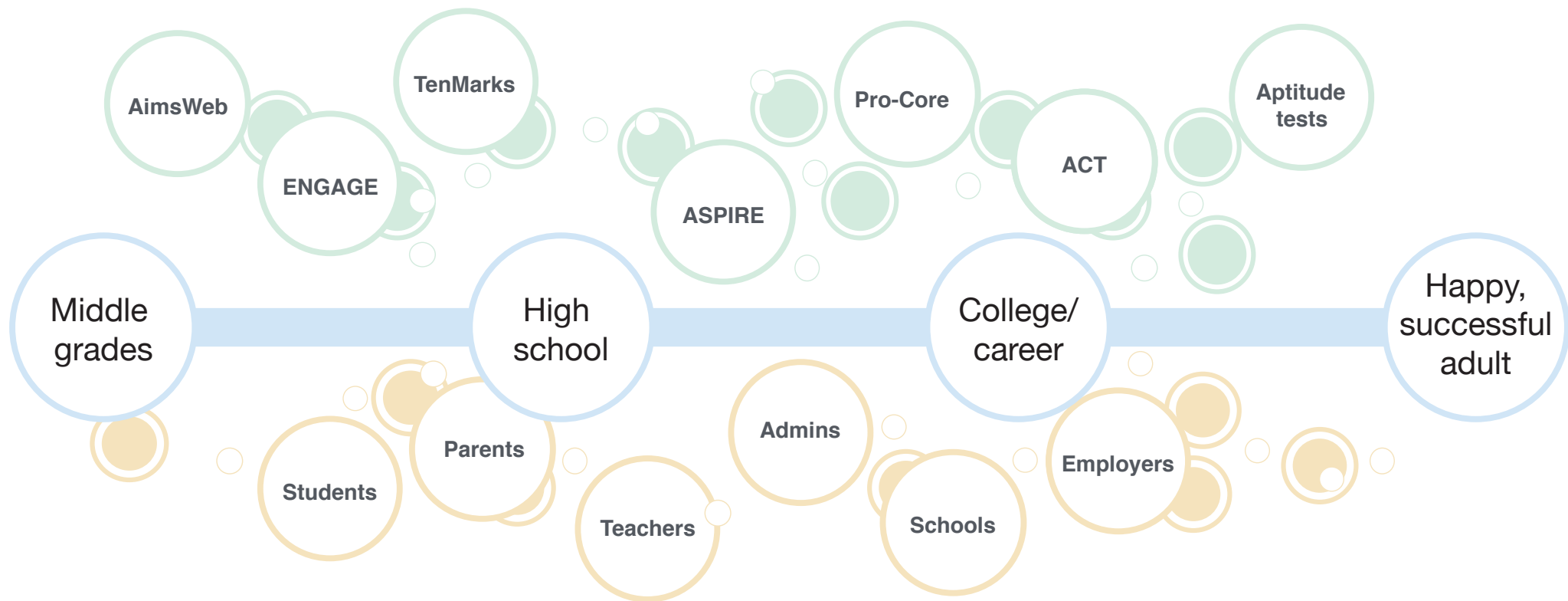
New legislation yields
changing expectations

Career Advising Policy

- Advising for all students grades 6-12
- Schoolwork linked to career fields
- Drop out prevention
- Employee training on career advising
- Academic and career pathways for HS students
- Dual-credit and career-tech requirements
- Documentation of advisement history
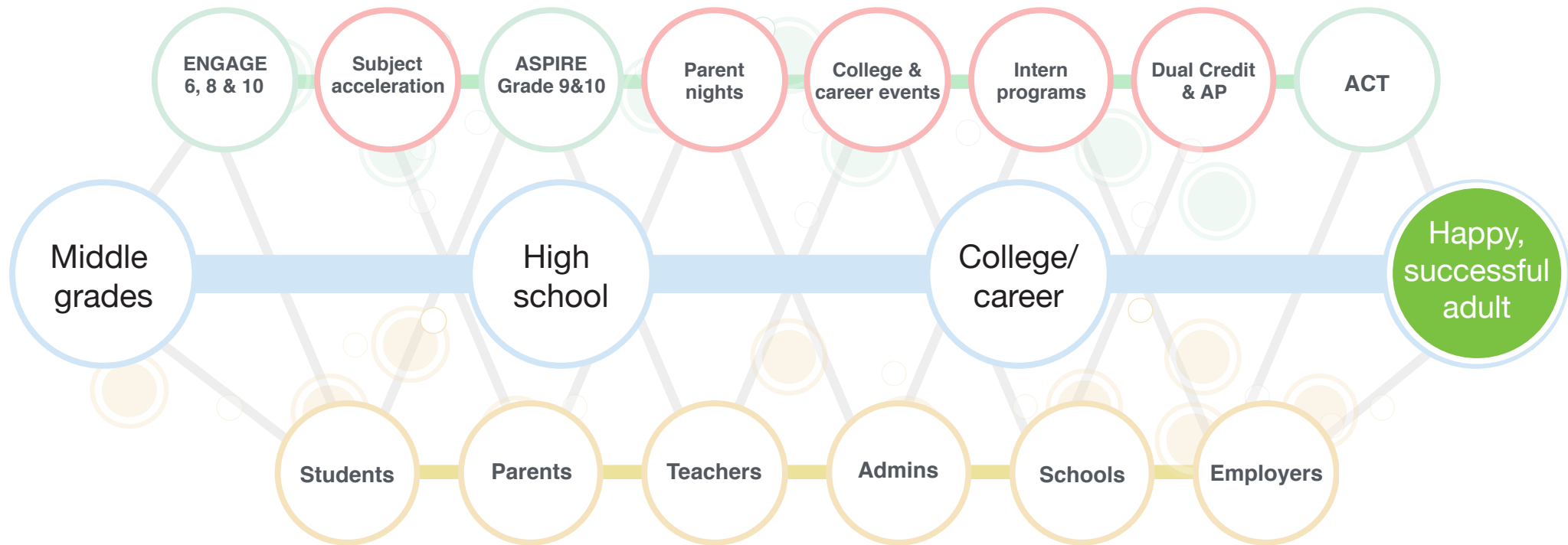- Support for transition to post-secondary destinations

ESSA & PFS

- Increased focus on graduation rates
- Accountability interventions for low-performing schools
- Reinforces CAP by requiring districts to facilitate effective transition from middle school to high school and on to post-secondary education
- PFS requires that schools track every student and look past EOY results

Compliance vs student impact

The Goshen Local School District

By using data to inform programs and ensuring access for stakeholders, paths and plans become clear

ENGAGE 6, 8 & 10

Subject acceleration

ASPIRE Grade 9&10

Parent nights

College & career events

Intern programs

Dual Credit & AP

ACT

Middle grades

High school

College/career

Happy, successful adult

Students

Parents

Teachers

Admins

Schools

Employers

The Goshen Local School District

The path to high school readiness

ENGAGE Grade 6

Academic performance

OMJ backpacks

Vendor assessments

ENGAGE Grade 8

6th

7th

8th

HS ready

Success plans

Jr Achieve/ economics

Parent & career events

Subject acceleration

HS scheduling

The Goshen Local School District

Tyler, Rose

Grade 06 Enrolled 2012
5137399961 slagletech@icloud.com
Primary contact Jackie Tyler, Mother

Grades as of 12/17/2015

Subject	Score	Grade	Teacher
Health 6	103	A	Wood
LANGUAGEARTS6	91	A	pritts
MATH6	91	A	edwards
sci6	98	A	taylor
sst6	98	A	taylor

2015-16 data points

Mathematics

Tenmarks Fall	Tenmarks Winter	Tenmarks Spring	EOY
37%	44%	51%	PROF

Ratios, Proportions	39%	Expressions, Equations	45%	Geometry	25%
Number systems	36%	Satistics, Probability	33%		

Language Arts

ProCore A	ProCore B	ProCore C	EOY
71	68	82	ADV

SRI Fall	SRI Winter	SRI Spring
1052	1147	1092

Science

ProCore A	ProCore B	ProCore C	EOY
54	49	55	N/A

SocStud

ProCore A	ProCore B	ProCore C	EOY
47	61	64	ACC

ENGAGE
Grades 6-9

Student responses were consistent, indicating accuracy

On track — Likely to have HS GPA ≥ 2.0

At Risk — Likely to graduate HS in 4 years

Academic outlook analysis (based on ENGAGE responses)

Strengths	Continue to develop	Plan to improve

27 Commitment to school
Commitment to stay in school and obtain a high school diploma

6 Family attitude toward education
Positive family attitude regarding the value of education

13 Optimism
A hopeful outlook about the future in spite of difficulties or challenges

99 Orderly conduct
Tendency to behave appropriately in class and avoid disciplinary action

52 School safety climate
School qualities related to students' perception of security at school

24 Relationships with school personnel
Extent to which students relate to school personnel as part of connection to school

8 Family involvement
Family involvement in a student's school life and activities

70 Academic discipline
Degree to which a student is hardworking and conscientious in completing work

46 Managing feelings
Tendency to manage duration and intensity of negative feelings

27 Thinking before acting
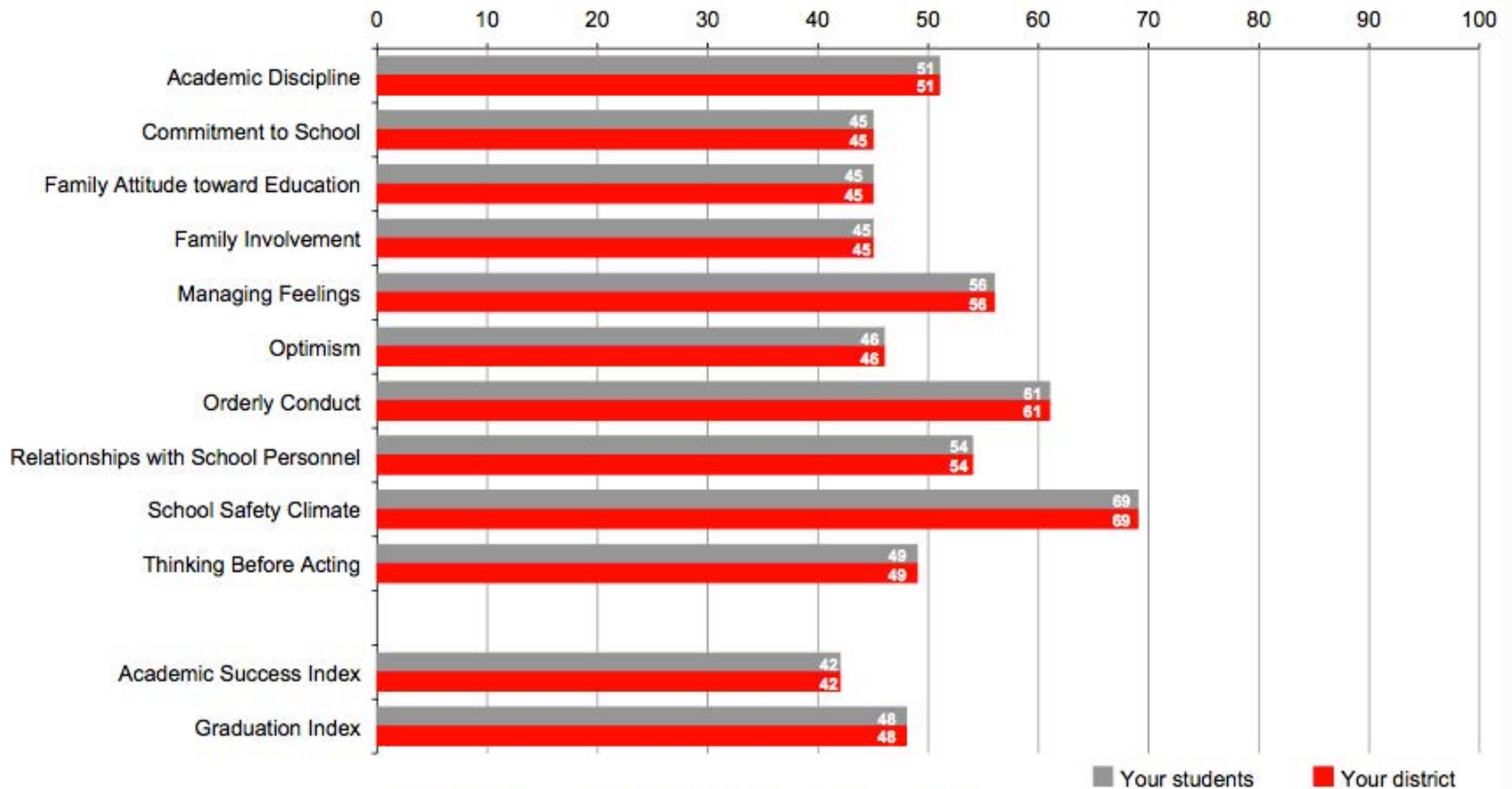Tendency to think about the consequences of one's actions before acting

Additional ENGAGE survey responses

Isabella has changed schools 1 time
her prior grades are mostly As
she rarely has no homework
she rarely skips class

1-2 hours of homework per day
none of television per day
none of video games per day
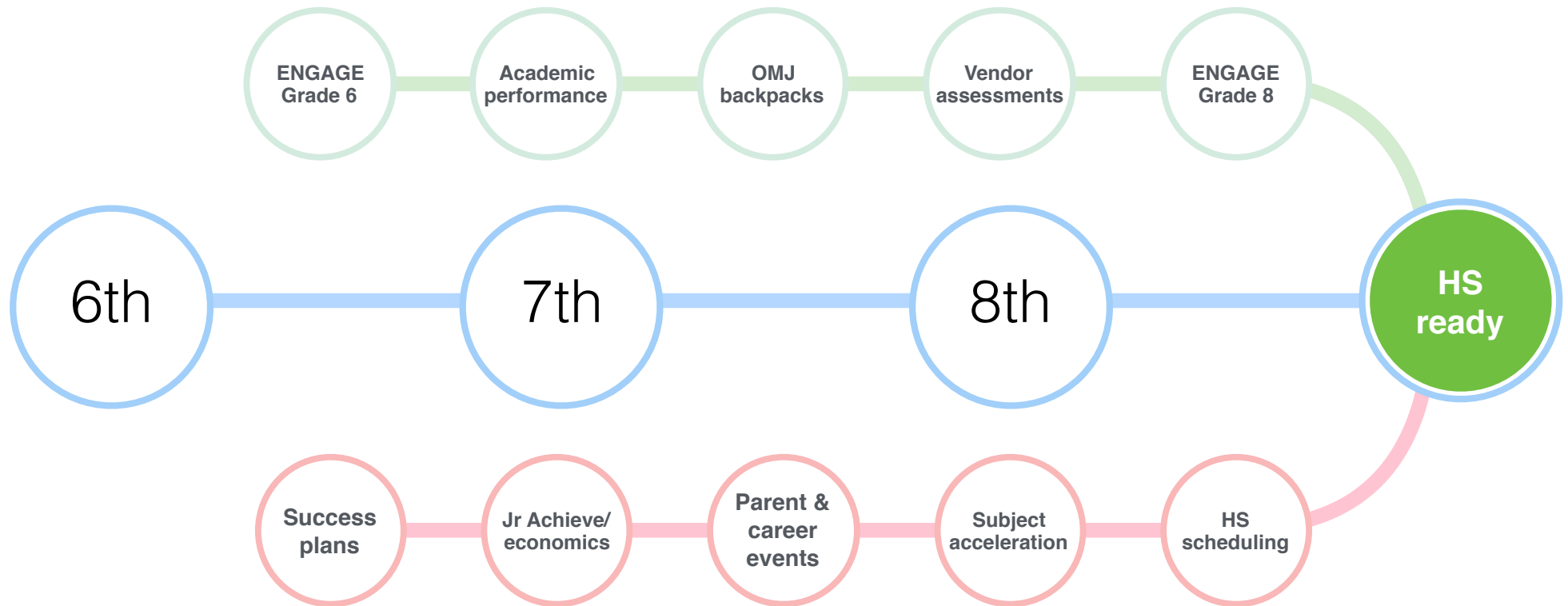3-4 hours online per day

Analysis of summary data creates context and informs future programs

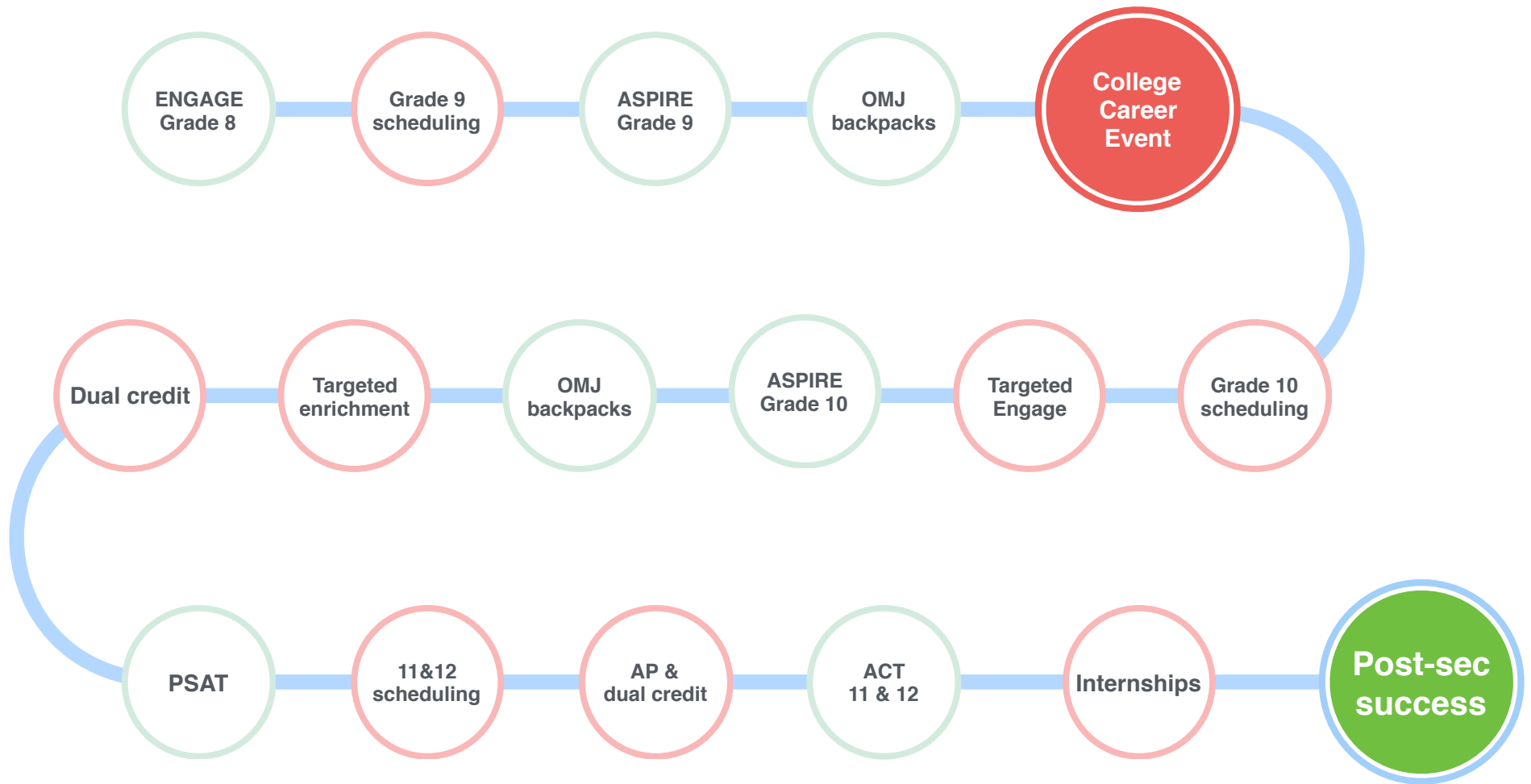Figure 1. Average ACT Engage Percentile Scores for Your School and Your District

Note. ACT Engage percentile scores range from 1 to 99.

The path to high school readiness

ENGAGE Grade 6 — Academic performance — OMJ backpacks — Vendor assessments — ENGAGE Grade 8

6th — 7th — 8th — **HS ready**

Success plans — Jr Achieve/economics — **Parent & career events** — Subject acceleration — HS scheduling

The Goshen Local School District

A data-driven path to post-sec success

ENGAGE Grade 8 — Grade 9 scheduling — ASPIRE Grade 9 — OMJ backpacks — College Career Event

Dual credit — Targeted enrichment — OMJ backpacks — ASPIRE Grade 10 — Targeted Engage — Grade 10 scheduling

PSAT — 11&12 scheduling — AP & dual credit — ACT 11 & 12 — Internships — Post-sec success

The Goshen Local School District

Rose Tyler

GPA: 3.467
PFS: 1.3
Internship: Y

Grade 10. Class of 2018.

IEP	504	RIMP
ECON	DNC	GIFT

Contact info

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Loveland, 45140-9738

Account info

2018SebastianAbshire
@warriors.goshenlocal...
5137399961

Grades as of 12/17/2015

Course	Grade	Letter	Teacher
HONORS ENGLISH 10	92	A	mirus
SPANISH II A	64	D	wyckoff
MODERN AMERICAN	87	B	edwards
HONORS INTEG MATH III A	92	A	braig

College & career readiness

ACT Aspire

Composite	Projected ACT range
435	24-28

English	Score 439	84%ile	ACT 23-28	Ready
Conventions of standard English		31		Ready
Knowledge of language		5		Below
Production of writing		14		Ready

Reading	Score 430	89%ile	ACT 23-30	Ready
Integration of knowledge		5		Ready
Craft and structure		7		Ready
Production of Writing		19		Ready

Writing	Score 418	26%ile	ACT 5-7	Below
Development and support		6		Below
Language and conventions		6		Below
Organization		6		Below
Ideas and analysis		6		Below

Math	Score 440	97%ile	ACT 26-31	Ready
Science	Score 432	82%ile	ACT 22-27	Ready

Graduation progress: EOC assessments

17 points earned, target is 12

5 English	5 (+ 3*) math
4 science	0 social studies

Assessment	Level	Points	Year
Integrated Mathematics II	Advanced	5	2014
English Language Arts/Literacy	Advanced	5	2014
Physical Science	Accelerated	4	

*Freshman who took the Integrated Math 2 test were automatically given an additional 3 points for Integrated Math 1.

Graduation progress: course credits

6.5 credits earned, target is more than 5.

1 English	1 math
1 science	1 social studies
0 fine arts	0 health
.5 physical ed	2 elective

Course	Mark	Credits		Year
CHARACTER/CAREERS	A	.5	Elec	2014
HONORS ENGLISH 9	C	.5	Eng	2014
HONORS ENGLISH 9	C	.5	Eng	2014
HONORS INT MATH II A	A	.5	Mat	2014

Achievement testing history

Math	ELA	Science	SocStud	Writing	Grade
ADV	ADV	ADV			08
ADV	ADV	DNA			07
ADV	ADV	DNA			06
ADV	ADV	ADV			5

2015-2016 diagnostic testing

Subject	Test	Score	Teacher
US History	Form A	46%	edwardsr
English 10	Form A	68%	mirusc
Biology	Form A	39%	smithd

Student input makes data more impactful

&

The free OMJ Backpack program allows students to explore and identify the best jobs for them. Combined with accessible ACT and diagnostic data, a full picture of the student's needs appears.

Data embedded in programs yields
impactful conversations

Data

- 6th grade ENGAGE
- 8th grade ENGAGE
- ACT subject area assessments
- 9th grade ASPIRE
- 10 grade ASPIRE
- k-12 diagnostic data
- k-12 state assessments
- PSAT
- Practice ACT & ACT

Programs

- Targeted enrichment
- College & Career Events
- Data-driven student scheduling
- Subject acceleration
- Junior Achievement / Economics
- Ohio Means Jobs
- Dual credit & AP opportunities
- Job shadowing & internships
- Graduate follow-up

Outcomes

- Stakeholder engagement
- Focused programming
- Needs identification
- Targeted scheduling
- Professional experiences
- Career certifications
- Remediation-free graduates
- Post-sec success for every student

Achievement vs Success

The Goshen Local School District

GLSD College/Career Readiness Path

Using Diagnostics to Craft a Postsecondary Plan

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ENGAGE Grade 8 → Grade 9 scheduling → ASPIRE Grade 9 → OMJ backpacks → College Career Event

Dual credit → Targeted enrichment → OMJ backpacks → ASPIRE Grade 10 → Grade 10 scheduling

PSAT → 11&12 scheduling → Advanced Placement → ACT 11 & 12 → Internships

Post-sec success

GLSD College/Career Readiness Path

Using Diagnostics to Craft a Postsecondary Plan

The Goshen Local School District

PSAT

11&12 scheduling

Advanced Placement

ACT 11 & 12

Internships

Dual credit

Targeted enrichment

Grade 10 scheduling

ENGAGE Grade 8

Grade 9 scheduling

ASPIRE Grade 9

OMJ backpacks

College Career Event

?

Post-sec success
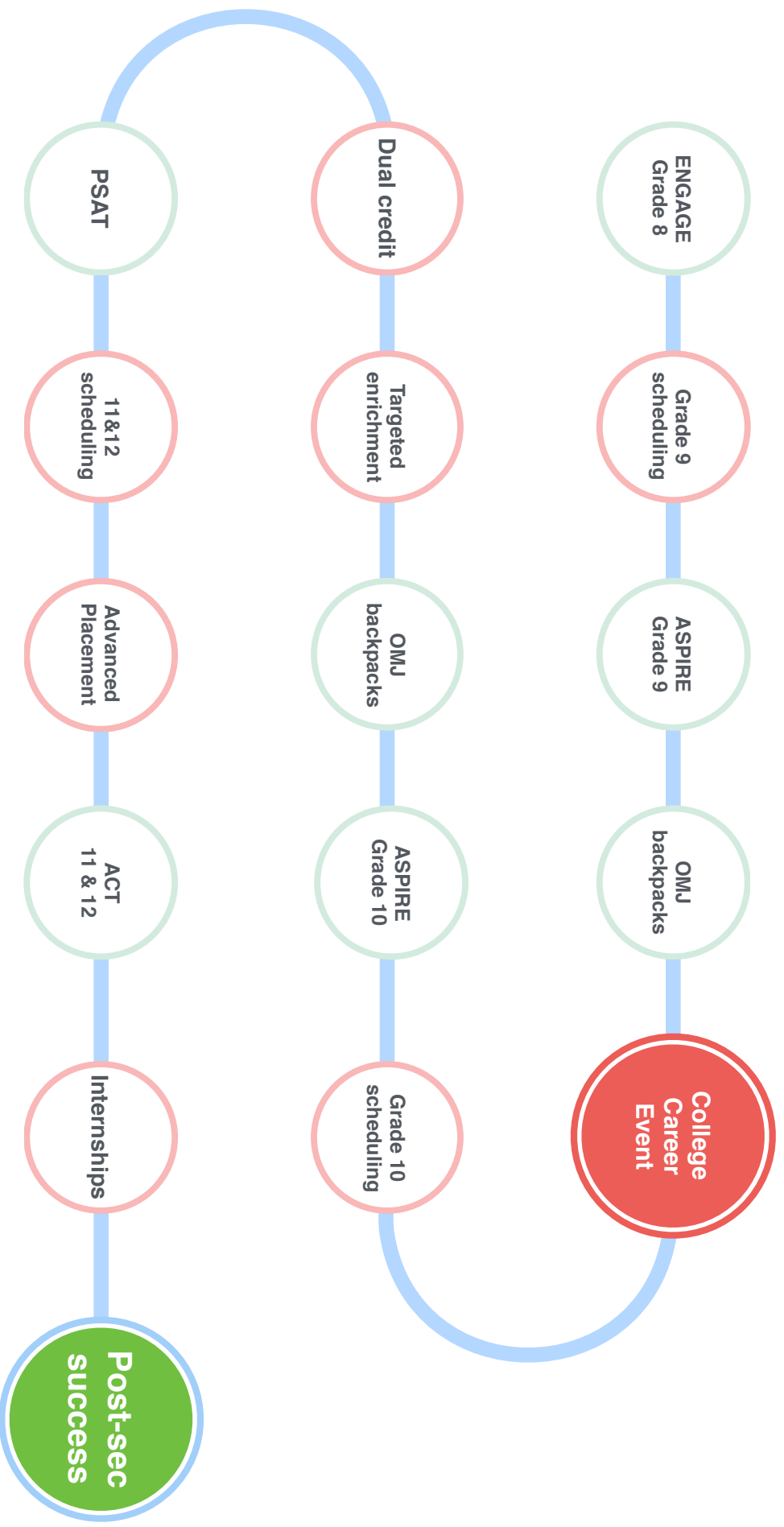
Using Diagnostics to Craft a Postsecondary Plan
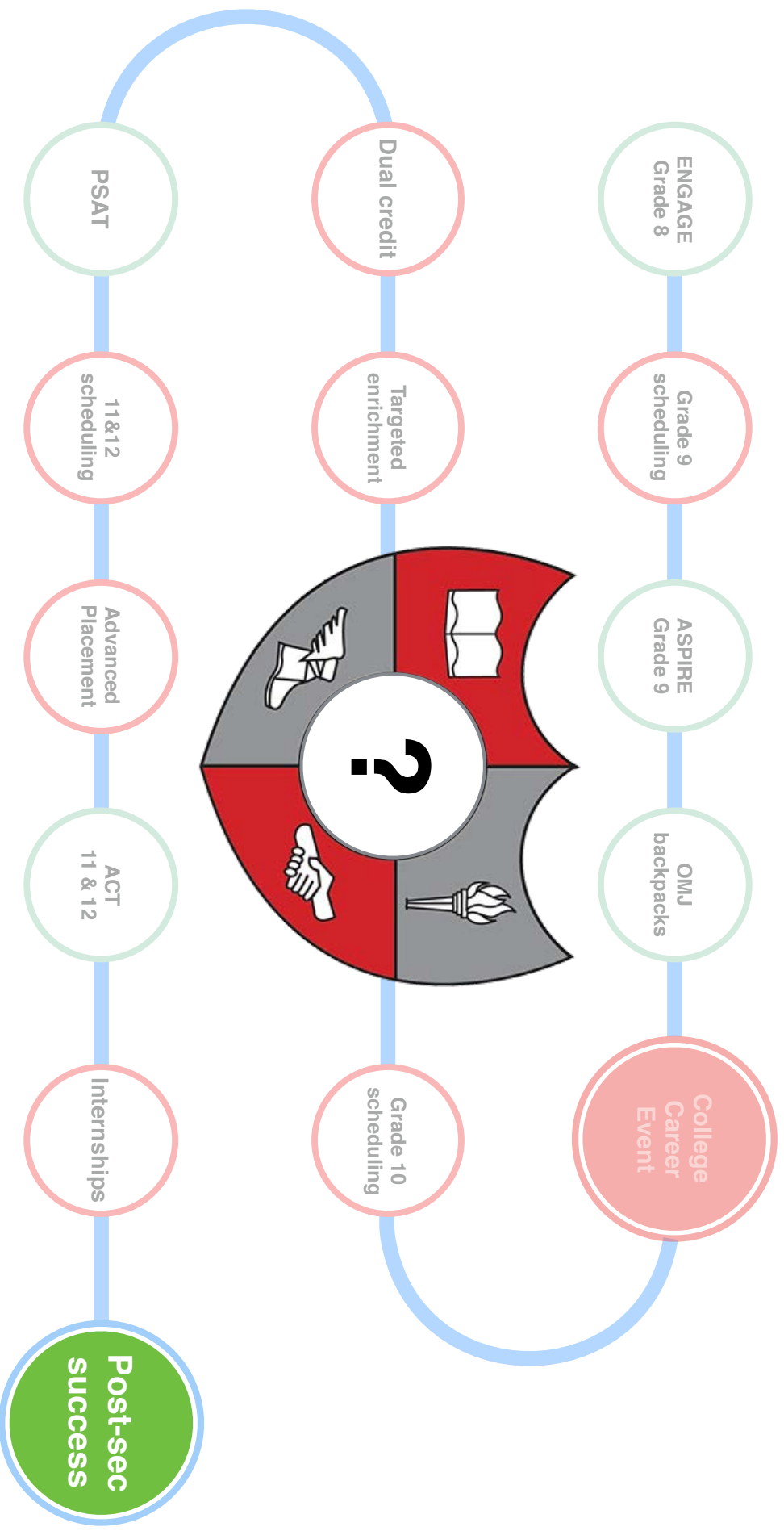
Where does your plan begin?

The many successful programs and events your district has in place can and should be viewed as part of the path to post-secondary success.

Pre-K → Entrance testing → Parent involvement → Career conversations → Subgroup identification → **Primary grades**

Invention convention → Early enrichment → Interest inventory → EOY testing → Guidance & counseling

Middle grades → ENGAGE Grade 8 → Grade 9 scheduling → ASPIRE Grade 9 → OMJ backpacks → **High school**

Dual credit → Targeted enrichment → OMJ backpacks → ASPIRE Grade 10 → Grade 10 scheduling

PSAT → 11&12 scheduling → Advanced Placement → ACT 11 & 12 → Internships → **Post-sec success**

The Goshen Local School District

Using Diagnostics to Craft a Postsecondary Plan

Andrea Conner
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Mark Edwards
edwardsm@goshenlocalschools.org

Mark Slagle
slaglemark@goshenlocalschools.org

The Goshen Local School District

D

William Bailey

Grade 10, Class of 2019. **GPA: 3.538**

IEP	504	RIMP
ECON	DNC	GIFT

Contact info

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Mark Slagle, Father
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6694 Goshen Rd.

Account info

2019AxlRose
@warriors.goshenlocal...
999882568

Grades as of 10/3/2016

HONORS ENGLISH 10	93	A	mirus
MODERN AMERICAN	82	B	rammel
CURRENT EVENTS A	100	A	slagle
INTEGRATED MATH II A	102	A	

College & career readiness

ACT Aspire

Composite **427**

Projected ACT range **19-23**

English | Reading | Writing | Math | Science

Projected ACT range **18-22**   National percentile **58**
Readiness Level **Ready**   Scaled score **431**

Skill	% score	Ready?
Conventions of standard English	68	Y
Knowledge of language	67	Y
Production of writing	54	Y

EOC assessments (18 required to graduate)

ON TRACK: 6 points earned, target is 5

3 English	3 math
0 science	0 social studies

Assessment	Level	Points	Year
English Language Arts 1	Proficient	3	2016
Integrated Mathematics 1	Proficient	3	2016
Grade 8 Science	Proficient	3	2015
Mathematics	Accelerated	4	2015
English Language Arts/Literacy	Accelerated	4	2015

Course credits (22 required to graduate)

ON TRACK: 6 credits earned, target is 5.5

.5 English	.5 math
.5 science	.5 social studies
0 fine arts	0 health
.25 physical ed	.5 elective

Course	Mark	Credits		Year
CURRENT EVENTS A	A	.5	Elec	2015
CURRENT EVENTS B	A	.5	Elec	2015
HONORS ENGLISH 9	C	.5	Eng	2015
HONORS ENGLISH 9	F	0	Eng	2015
INTEGRATED MATH I A	B	.5	Mat	2015

2016-2017 ACT interim testing ^

Term	English	Reading	Math
1	58	60	50

2016-2017 Pro-Core testing

Subject	Test	Score	Teacher
American History	Form A	49	rammel
Biology	Form A	27	miller

William
Bailey

Gr. 01, Class of 2028. Mrs. Beamer

6692 Goshen Rd.
slaglemark@goshenlocalschools.org

Diagnostics: MAP

Grade	Season & year	Subject	RIT score	National percentile	Test duration
1	Fall 2016-2017	Mathematics	173	83	23 minutes
Skills & performance	Operations - Avg	Number - Avg	Measurement - HiAvg	Geometry - High	
1	Fall 2016-2017	Reading	165	67	22 minutes
Skills & performance	Foundational - High	Language - Avg	Literature - HiAvg	Vocabulary - Avg	
KG	Spring 2015-2016	Mathematics	172	83	24 minutes
Skills & performance	Operations - High	Number - High	Measurement - HiAvg	Geometry - High	
KG	Spring 2015-2016	Reading	171	84	34 minutes
Skills & performance	Foundational - High	Language - High	Literature - High	Vocabulary - HiAvg	

Diagnostics: AIMSweb

Test		Fall	Percentile	Winter	Percentile	Spring	Percentile
LNF	Letter Naming	54	67				
LSF	Letter Sound	49	89				
MNM	Missing Number	15	72				
NIM	Number Identification	49	66				
NWF	Nonsense Word	50	77				
OCM	Oral Counting	77	61				
QDM	Quantity Discrimination	32	87				

Bailey, William

HR: Vogt

Grade 06   Enrolled 2012

513.520.5243   slaglemark@goshenlocalschoo...

Primary contact Mark Slagle, father

Grades as of 10/3/2016

choir	95	A	Petty
LANGUAGEARTS6	86	B	barja
MATH6	83	B	EDWA
SCIENCE6	97	A	VOGT
SOCIALSTUDIES6	93	A	VOGT

2016-17 data points

Mathematics

2015-16 EOY	Tenmarks Fall	Tenmarks Winter
ADV	**46%**	Jan

Rations/proportions	30%	Equations/expressions	51%	Geometry 50%
Number systems	46%	Statistics/probability	50%	

Language Arts

2015-16 EOY	ProCore A	ProCore B
ACC	**46**	Jan
	SRI Fall	SRI Winter
	783 (36 pctl)	Jan

Science

2015-16 EOY	ProCore A	ProCore B
ACC	**31**	Jan

SocStud

2015-16 EOY	ProCore A	ProCore B
ACC	**34**	Jan

ENGAGE
Grades 6-9

Student responses were consistent, indicating accuracy

77%
Likely to have HS
GPA ≥ 2.0

89%
Likely to graduate
HS in 4 years

Academic outlook analysis (based on ENGAGE responses)

Strengths	Continue to develop	Plan to improve

61 **Commitment to school**
Commitment to stay in school and obtain a high school diploma

13 **Family attitude toward education**
Positive family attitude regarding the value of education

55 **Optimism**
A hopeful outlook about the future in spite of difficulties or challenges

16 **Orderly conduct**
Tendency to behave appropriately in class and avoid disciplinary action

44 **School safety climate**
School qualities related to students' perception of security at school

69 **Relationships with school personnel**
Extent to which students relate to school personnel as part of connection to school

41 **Family involvement**
Family involvement in a student's school life and activities

36 **Academic discipline**
Degree to which a student is hardworking and conscientious in completing work

22 **Managing feelings**
Tendency to manage duration and intensity of negative feelings

24 **Thinking before acting**
Tendency to think about the consequences of one's actions before acting

Additional ENGAGE survey responses

Kristin has changed schools 2 Times
her prior grades are Mostly B's
she Rarely has no homework
she Never skips class

1-2 Hours of homework per day
3-4 Hours of television per day
5-6 Hours of video games per day
3-4 Hours online per day