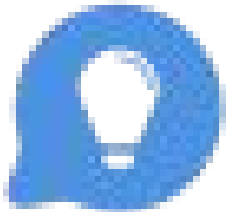


Student Insights

Which students are at risk and how are we helping them?



CODE *for*
BOSTON
A CFA BRIGADE

Hello!

Why we're here

Who we're serving

How we're helping

Where we're going next

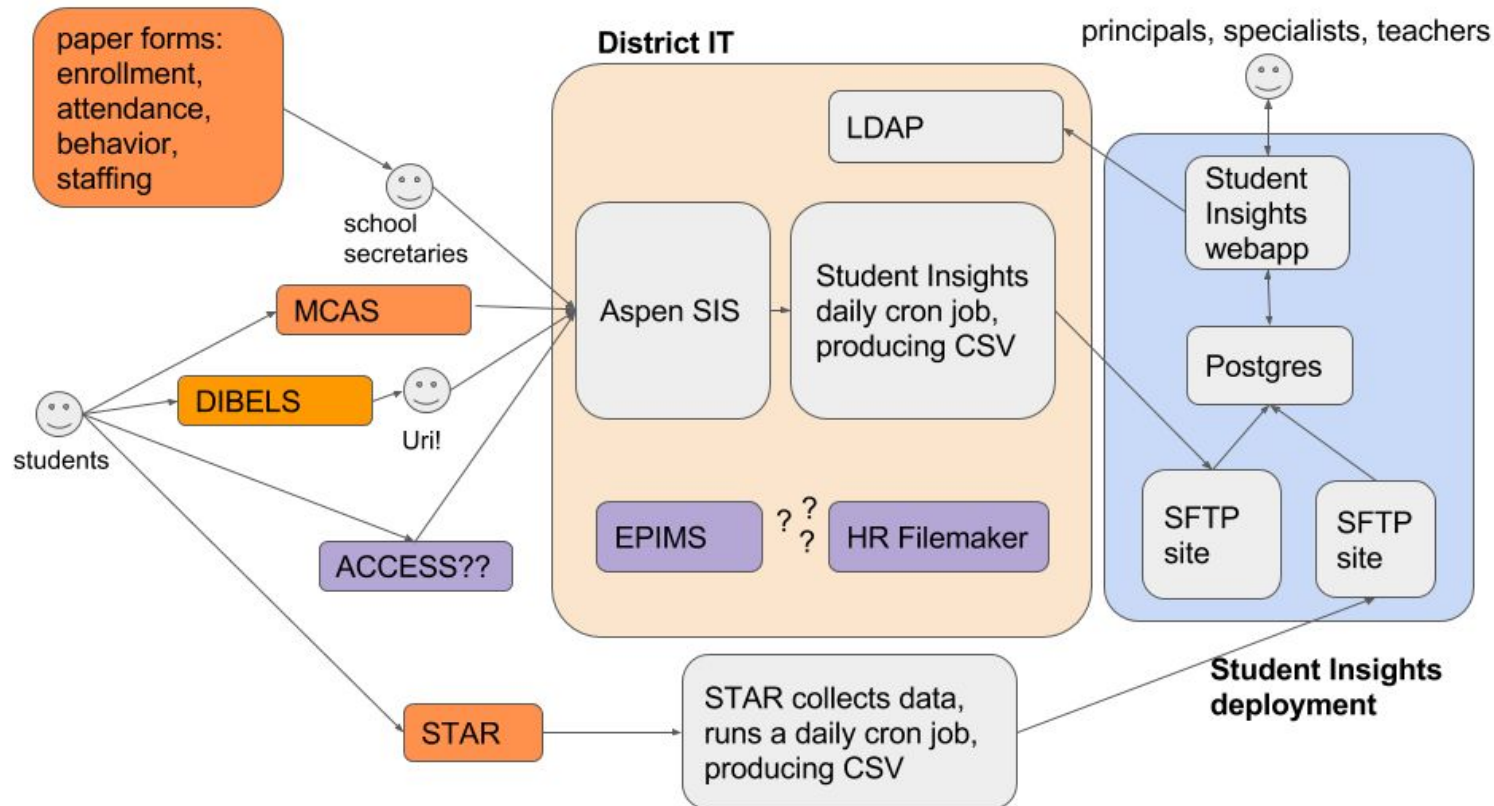
How you can help

Why we're here

Why we're here



Why we're here




Why we're here

← → ↻

https://somerville-teacher-tool-demo.herokuapp.com

☆



Student Insights

Email

Password

Log in

WHAT IS THIS?

Student Insights


a tool for Somerville educators

WHAT'S IT SUPPOSED TO FIX?

Databases that don't talk to each other.

Big gaps in student records that make you hunt down information.

Having to print out student data and store it in big binders.



Who we're serving

Who we're serving

Principals and administrators

Interventionists for MTSS and SST meeting

Classroom teachers

Who we're serving

Principals and administrators

School overview

Interventionists for MTSS and SST meeting

Single student profile

Capturing notes and interventions

Classroom teachers

Digital rosters

Who we're serving

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Digital rosters

How we're helping

https://sommerville-teacher-tool-demo.herokuapp.com

Disability

None67%

Low < 210%

Low >= 24%

Moderate17%

High4%

Low Income

Not Eligible57%

Free Lunch44%

LEP

FLEP-Transitioning44%

Fluent40%

FLEP17%

Grade

5100%

Years enrolled

46100%

Risk level

017%

14%

234%

347%

STAR Reading

None

< 25th20%

25th - 50th20%

50th - 75th27%

> 75th34%

MCAS ELA

None

Warning24%

Needs Improvement30%

Proficient34%

Advanced14%

Growth - MCAS ELA

None

< 25th34%

25th - 50th20%

50th - 75th30%

> 75th17%

STAR Math

None

< 25th27%

25th - 50th24%

50th - 75th10%

> 75th34%

MCAS Math

None

Warning27%

Needs Improvement27%

Proficient20%

Advanced27%

Growth - MCAS Math

None

< 25th30%

25th - 50th30%

50th - 75th17%

> 75th24%

Discipline incidents

097%

1

2

3 - 5

6+4%

Absences

0 days10%

< 1 week

1 - 2 weeks10%

2 - 4 weeks20%

> 4 weeks60%

Tardies

0 days10%

< 1 week

1 - 2 weeks4%

2 - 4 weeks34%

> 4 weeks54%

Interventions

Attendance Contract4%

None97%

Program

Sp Ed34%

Reg Ed30%

2Way Spanish20%

+ Show all

Homeroom

10150%

10250%

Found: 43 students

No filters

Share this view

Download for Excel

Name

Grade

Disability

Low Income

LEP

STAR Reading

MCAS ELA

STAR Math

MCAS Math

Discipline Incidents

Absences

Tardies

Services

Prog

Aladdin Disney

5

Low < 2

Free Lunch

FLEP

34

204

41

217

20

25

2

Sp

Aladdin Kenobi

5

None

Not Eligible

FLEP

89

210

77

272

15

13

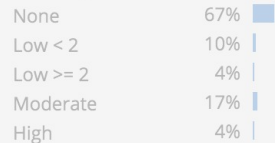
3

Reg

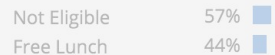
How we're helping

← → ↺ <https://sommerville-teacher-tool-demo.herokuapp.com> ☆

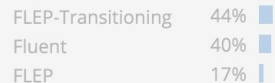
Disability



Low Income



LEP



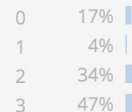
Grade



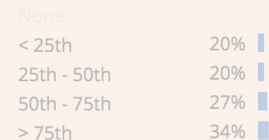
Years enrolled



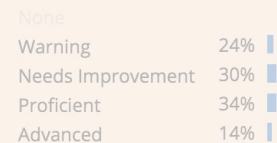
Risk level



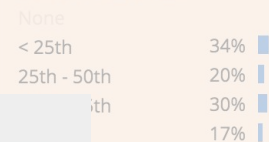
STAR Reading



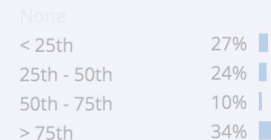
MCAS ELA



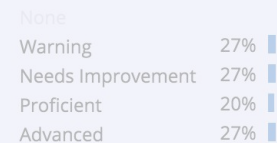
Growth - MCAS ELA



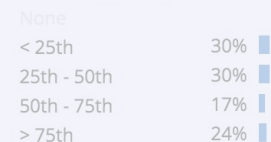
STAR Math



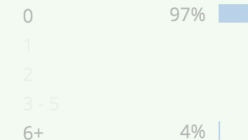
MCAS Math



Growth - MCAS Math



Discipline incidents



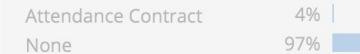
Absences



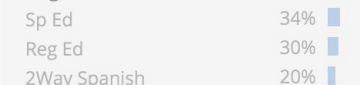
Tardies



Interventions

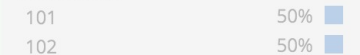


Program



+ Show all

Homeroom



Low Income

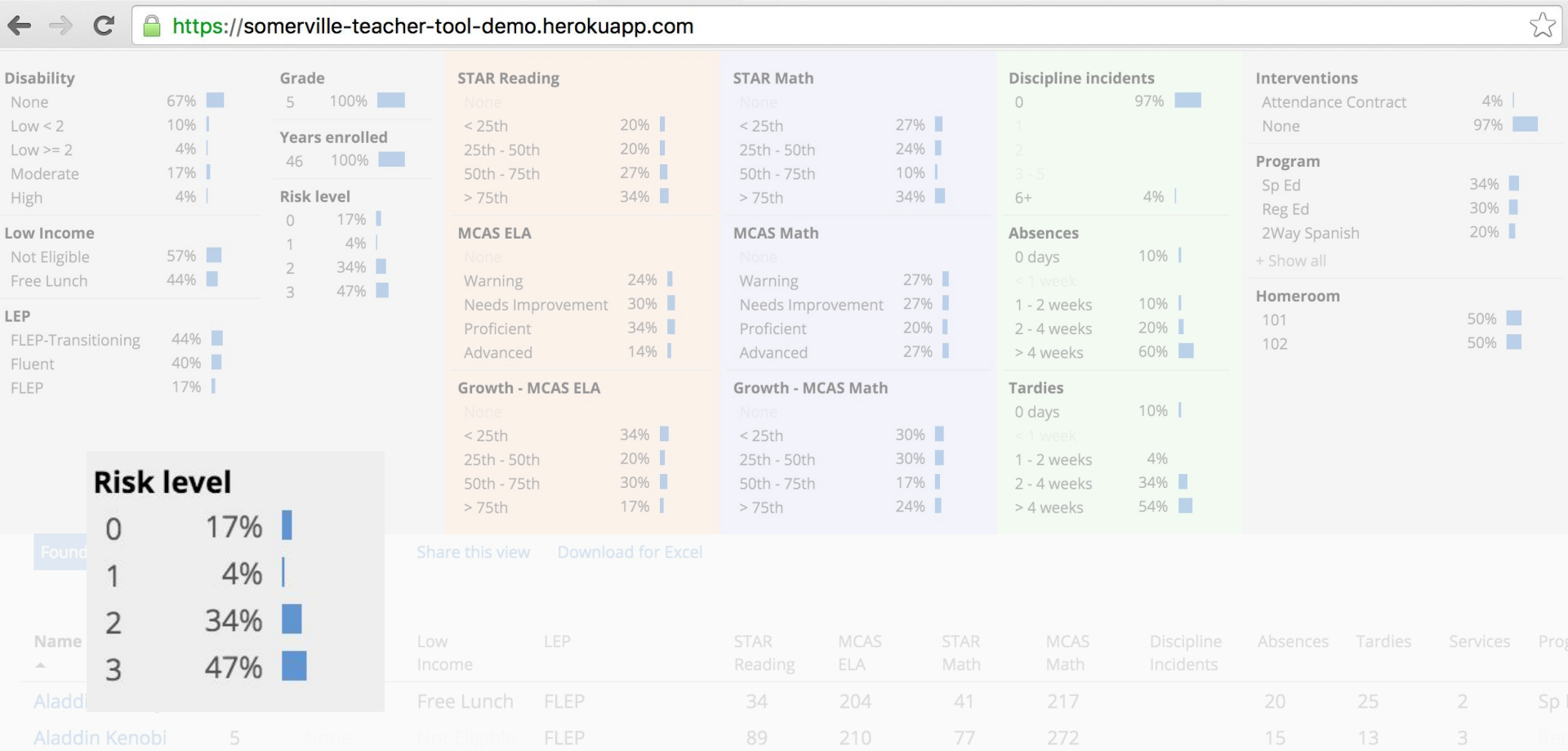
Not Eligible
Free Lunch



Download for Excel

Name	Grade	Disability	Low Income	LEP	STAR Reading	MCAS ELA	STAR Math	MCAS Math	Discipline Incidents	Absences	Tardies	Services	Program
Aladdin Disney	5	Low < 2	Free Lunch	FLEP	34	204	41	217		20	25	2	Sp Ed
Aladdin Kenobi	5	None	Not Eligible	FLEP	89	210	77	272		15	13	3	None

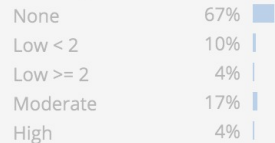
How we're helping



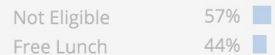
How we're helping

← → ↺ <https://sommerville-teacher-tool-demo.herokuapp.com> ☆

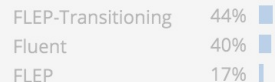
Disability



Low Income



EP



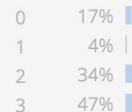
Grade



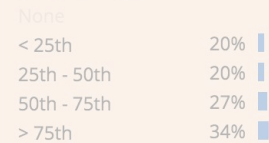
Years enrolled



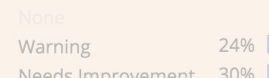
Risk level



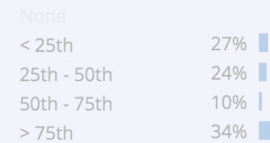
STAR Reading



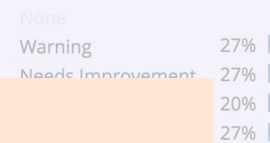
MCAS ELA



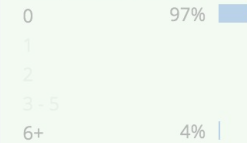
STAR Math



MCAS Math



Discipline incidents



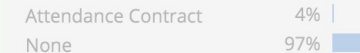
Absences



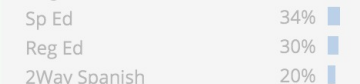
Tardies



Interventions

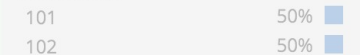


Program



+ Show all

Homeroom



STAR Reading

None

< 25th

20%

25th - 50th

20%

50th - 75th

27%

> 75th

34%

Found: 43 students

No filter

Name

Grade

Aladdin Disney

5

Low < 2

Free Lunch

FLEP

34

204

41

217

20

25

2

Sp Ed

Aladdin Kenobi

5

None

Not Eligible

FLEP

89

210

77

272

15

13

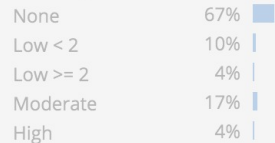
3

None

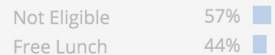
How we're helping

← → ↻ <https://sommerville-teacher-tool-demo.herokuapp.com> ☆

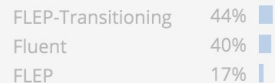
Disability



Low Income



LEP



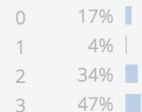
Grade



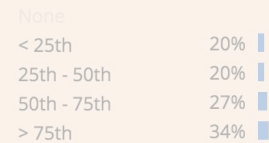
Years enrolled



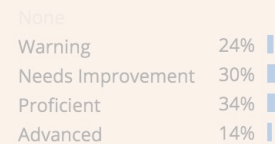
Risk level



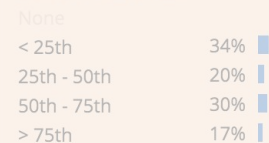
STAR Reading



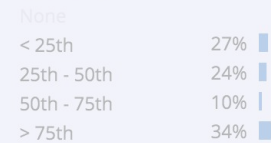
MCAS ELA



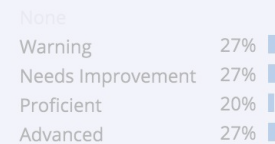
Growth - MCAS ELA



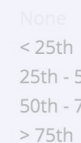
STAR Math



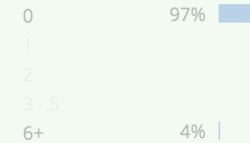
MCAS Math



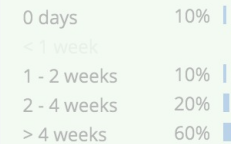
Growth



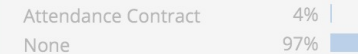
Discipline incidents



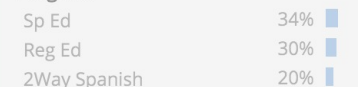
Absences



Interventions

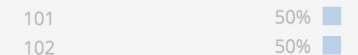


Program



+ Show all

Homeroom



Found: 43 students

No filters

[Share this view](#)

[Download for Excel](#)

Program

Sp Ed

34%

Reg Ed

30%

2Way Spanish

20%

+ Show all

Name

Grade

Disability

Low Income

LEP

STAR Reading

ELA

Math

Math

Incidents

Aladdin Disney

5

Low < 2

Free Lunch

FLEP

34

204

41

217

20

25

2

Aladdin Kenobi

5

None

Not Eligible

FLEP

89

210

77

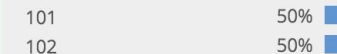
272

15

13

3

How we're helping

[Download for Excel](#)

Name	Grade	Disability	Low Income	LEP	STAR Reading	MCAS ELA	STAR Math	MCAS Math	Discipline Incidents	Absences	Tardies	Services	Progress
Aladdin Disney	5	Low < 2	Free Lunch	FLEP	34	204	41	217		20	25	2	Sp
Aladdin Kenobi	5	None	Not Eligible	FLEP	89	210	77	272		15	13	3	Reg

How we're helping

← → ↺ <https://sommerville-teacher-tool-demo.herokuapp.com> ☆

Disability None 50% <div></div> Low < 2 34% <div></div> Low >= 2 17% <div></div> Moderate High	Grade 5 100% <div></div> Years enrolled 46 100% <div></div> Risk level 0 17% <div></div> 1 2 34% <div></div> 3 50% <div></div>	STAR Reading None < 25th 17% <div></div> 25th - 50th 34% <div></div> 50th - 75th 34% <div></div> > 75th 17% <div></div> MCAS ELA None Warning 17% <div></div> Needs Improvement 17% <div></div> Proficient 67% <div></div> Advanced Growth - MCAS ELA None < 25th 17% <div></div> 25th - 50th 17% <div></div> 50th - 75th 17% <div></div> > 75th 50% <div></div>	STAR Math None < 25th 17% <div></div> 25th - 50th 17% <div></div> 50th - 75th 17% <div></div> > 75th 17% <div></div> MCAS Math None Warning 17% <div></div> Needs Improvement 17% <div></div> Proficient 34% <div></div> Advanced 34% <div></div> Growth - MCAS Math None < 25th 50% <div></div> 25th - 50th 17% <div></div> 50th - 75th 17% <div></div> > 75th 17% <div></div>	Discipline incidents 0 84% <div></div> 1 2 3 - 5 6+ 17% <div></div> Absences 0 days < 1 week 1 - 2 weeks 2 - 4 weeks > 4 weeks 100% <div></div> Tardies 0 days < 1 week 1 - 2 weeks 2 - 4 weeks 17% <div></div> > 4 weeks 84% <div></div>	Interventions Attendance Contract None 100% <div></div> Program Sp Ed 50% <div></div> Reg Ed 34% <div></div> 2Way Spanish 17% <div></div> + Show all Homeroom 101 50% <div></div> 102 50% <div></div>
--	---	--	---	---	--

Found: 6 students

Clear filters (ESC)

Share this view

Download for Excel

Name	Grade	Disability	Low Income	LEP	STAR Reading	MCAS ELA	Star Math	MCAS Math	Discipline Incidents	Absences	Tardies	Interventions	Program	Homeroom
Daisy White	5	Low < 2	Free Lunch	FLEP-Transitioning	51	225	100	265		23	33		Sp Ed	101
Aladdin Duck	5	None	Free Lunch	FLEP-Transitioning	4	258	53	213		24	22		2Way Spanish	101
Pluto Disney	5	None	Free Lunch	FLEP	59	253	95	264	47	28	41		Reg Ed	101

Who we're serving

Principals and administrators

School overview

Interventionists for MTSS and SST meeting

Single student profile

Capturing notes and interventions

Classroom teachers

Digital rosters

How we're helping

Aladdin Disney • Homeroom 105 • Grade 5 • Arthur D Healey

Risk Level **3**

Overview

Demographics

- Disability: Low < 2
- Low Income: Free Lunch
- Language: FLEP
- ACCESS Composite score: 388

Reading

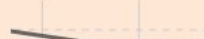
STAR Reading: **34**



MCAS ELA Score: **204**



MCAS ELA SGP: **22**



Math

STAR Math: **41**



MCAS Math Score: **217**



MCAS Math SGP: **68**



Attendance and Behavior

Discipline incidents: **0**



Absences: **0**



Tardies: **0**



Interventions

Placement

- Sp Ed, Private Separate
- Homeroom 105

Services

- Math intervention

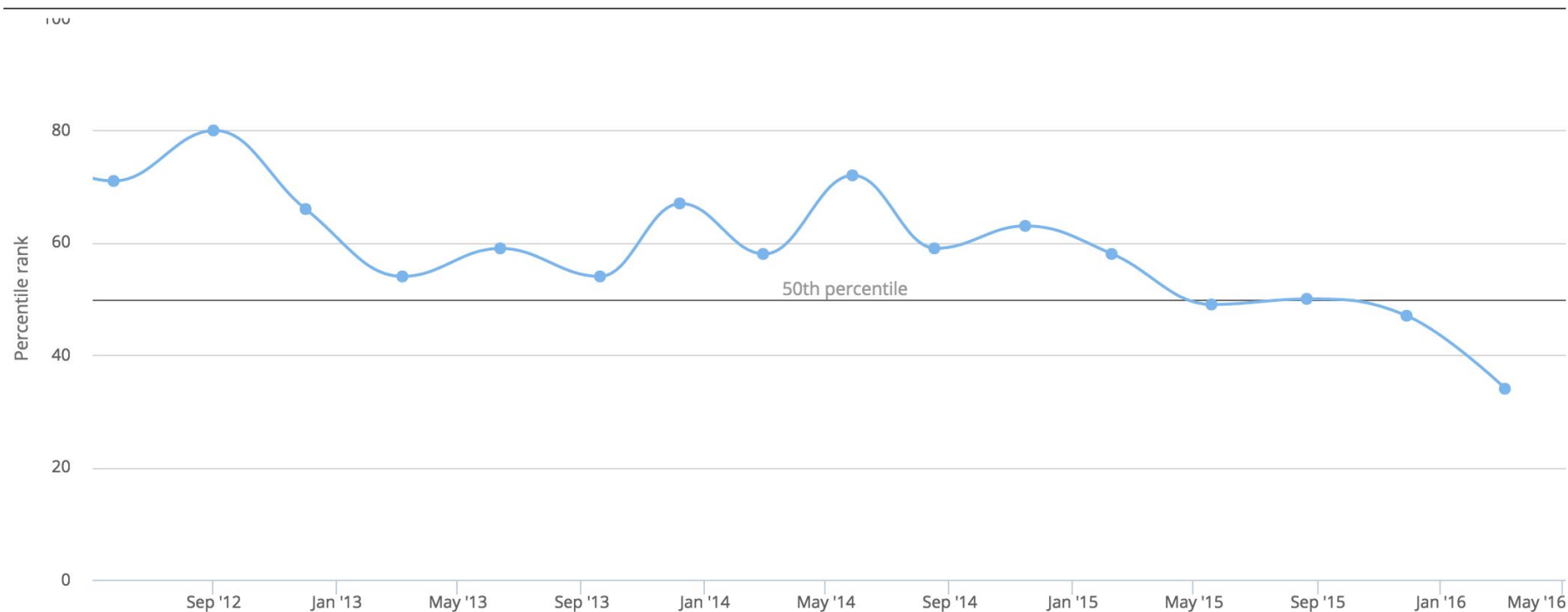
Staff providing services

- No staff

How we're helping

STAR Reading, last 4 years

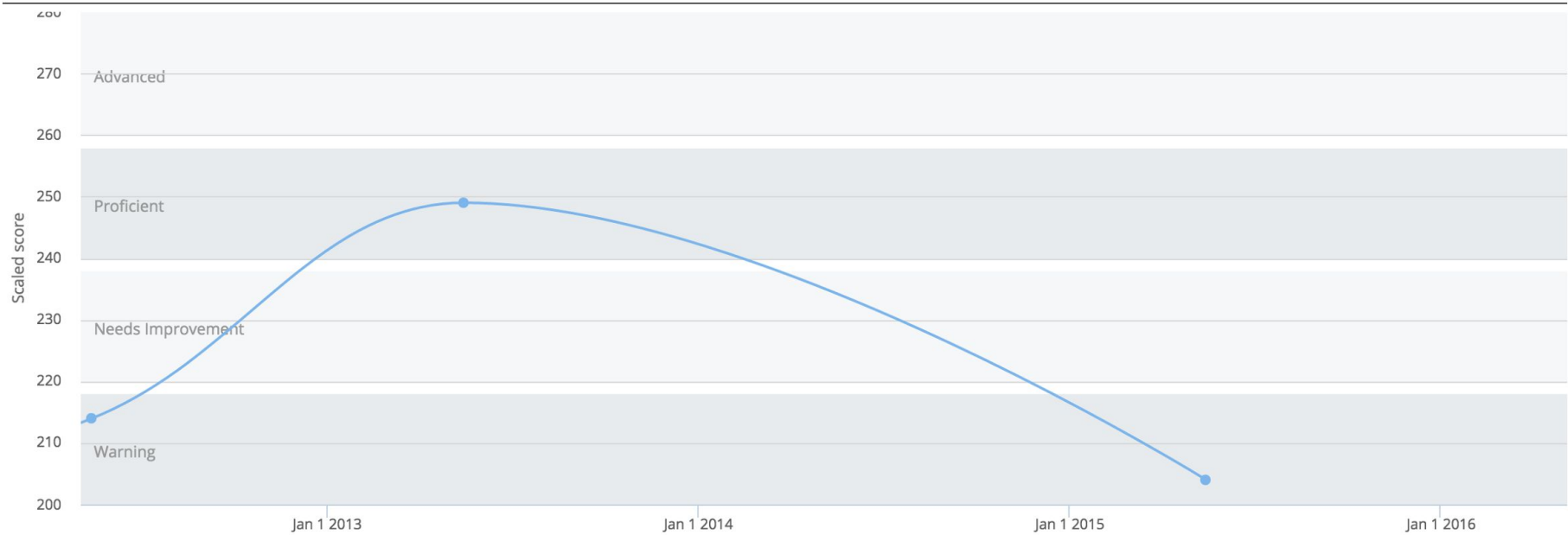
[Back to top](#)



How we're helping

MCAS ELA Scores, last 4 years

[Back to top](#)

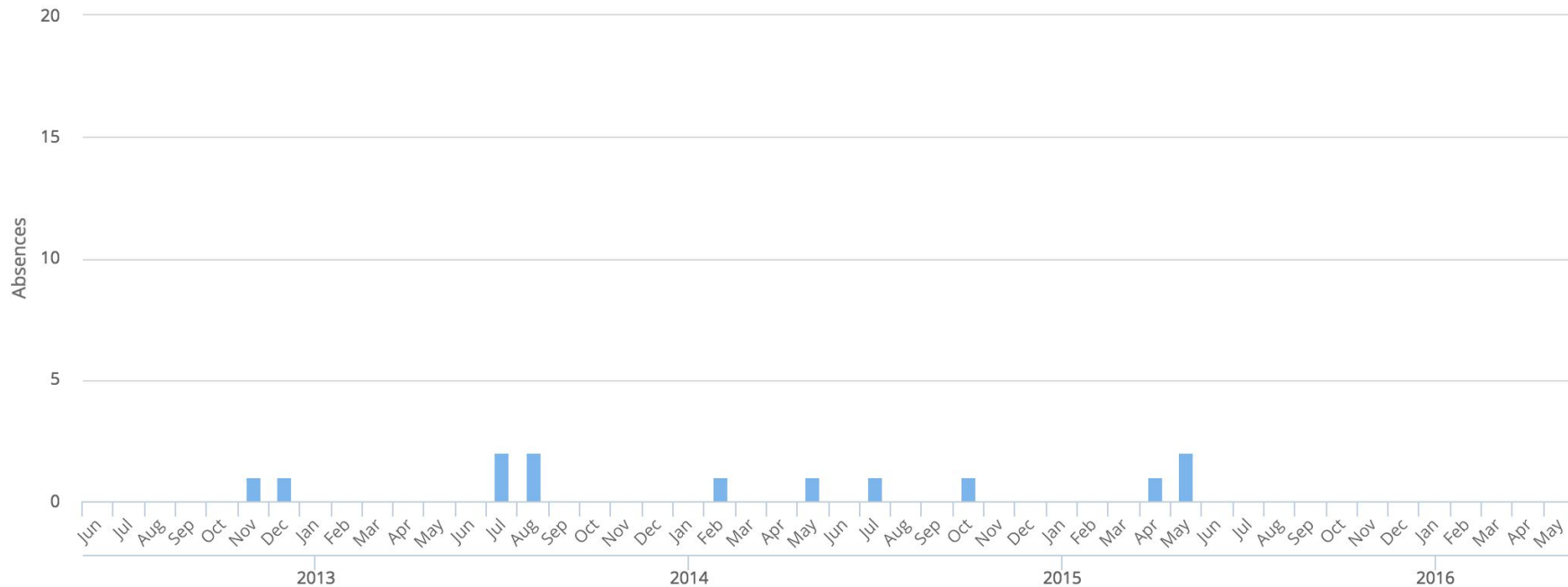


June 7th, 2011: **STAR Math**
Aladdin scored in the 75th percentile on the Math section of STAR.

How we're helping

[Back to top](#)

Absences, last 4 years



How we're helping

ACCESS

Subject	Score
composite	388
comprehension	—
literacy	—
oral	—
listening	—
reading	—
speaking	—
writing	—

Most recent ACCESS scores shown.

How we're helping

Full Case History

2015 - 2016 School Year

May 2nd, 2016:
Reading intervention

Service

April 27th, 2016:
Math intervention

Service

April 26th, 2016:
A new note...

Note

March 4th, 2016:
Aladdin scored in the 34th percentile on the Reading section of STAR.

STAR Reading

February 3rd, 2016:
Aladdin scored in the 41th percentile on the Math section of STAR.

STAR Math

November 27th, 2015:
Aladdin scored in the 47th percentile on the Reading section of STAR.

STAR Reading

How we're helping

Notes

May 3, 2016 | demo@example.com

Sheena hasn't been progressing as well as we'd hoped with the classroom-level interventions, so we're going to try XBlock tutoring for reading, and then re-assess in March to see if she needs specialized small-group instruction.

What are these notes from?

SST Meeting

Parent conversation

Something else

MTSS Meeting

Save notes

Cancel

Services

Which service?

Counseling, in-house

Reading intervention

Attendance Officer

Counseling, outside

Math intervention

Attendance Contract

Behavior Contract

Who is working with Aladdin?

Last Name, First Name...

When did they start?

05/03/2016



Record service

Cancel

How we're helping

Notes

May 3, 2016 | demo@example.com

Sheena hasn't been progressing as well as we'd hoped with the classroom-level interventions, so we're going to try XBlock tutoring for reading, and then re-assess in March to see if she needs specialized small-group instruction.

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Counseling, outside

Math intervention

Attendance Contract

Behavior Contract

Who is working with Aladdin?

Last Name, First Name...

When did they start?

05/03/2016



Record service

Cancel

How we're helping

Disability

None67%

Low < 210%

Low >= 24%

Moderate17%

High4%

Low Income

Not Eligible57%

Free Lunch44%

LEP

FLEP-Transitioning44%

Fluent40%

FLEP17%

Grade

5100%

Years enrolled

46100%

Risk level

017%

14%

234%

347%

STAR Reading

None

< 25th20%

25th - 50th20%

50th - 75th27%

> 75th34%

MCAS ELA

None

Warning24%

Needs Improvement30%

Proficient34%

Advanced14%

Growth - MCAS ELA

None

< 25th34%

25th - 50th20%

50th - 75th30%

> 75th17%

STAR Math

None

< 25th27%

25th - 50th24%

50th - 75th10%

> 75th34%

MCAS Math

None

Warning24%

Needs Improvement30%

Proficient34%

Advanced14%

Growth - MCAS Math

None

< 25th34%

25th - 50th20%

50th - 75th30%

> 75th17%

Discipline incidents

097%

1

2

3 - 5

6+4%

Absences

0

1

2

3 - 5

6+

Interventions

Attendance Contract4%

None97%

Program

Sp Ed34%

Reg Ed30%

21st Century30%

Other20%

Found: 43 students

No filters

Share this view

Download for

Name	Grade	Disability	Low Income	LEP	STAR Reading	MCAS ELA	STAR Math	MCAS Math	Discipline Incidents	Absences	Tardies	Services	Program
Aladdin Disney	5	Low < 2	Free Lunch	FLEP	34	204	41	217		20	25	2	Sp Ed
Aladdin Kenobi	5	None	Not Eligible	FLEP	89	210	77	272		15	13	3	Reg Ed

Services

None68%

Behavior Contract19%

Math intervention14%

Reading intervention12%

+ Show all

How we're helping

← → ↻ <https://sommerville-teacher-tool-demo.herokuapp.com> ☆

Homeroom: 101 ▾

Export ▾

Room 101

Help ?

■ Risk level 3 ■ Risk level 2 ■ Risk level 1 ■ Risk level 0



Name	Risk	Program Assigned	Free/Reduced Lunch	MCAS: Math		MCAS: ELA		...
				Performance	Growth	Performance	Growth	
Donald Kenobi	3	2Way English	Not Eligible	—	39	W	47	

How we're helping

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Name	Risk	Program Assigned	Free/Reduced Lunch	MCAS: Math		MCAS: ELA		...
				Performance	Growth	Performance	Growth	
Donald Kenobi	3	2Way English	Not Eligible	—	39	W	47	<input type="checkbox"/>
Minnie Mouse	3	2Way Spanish	Free Lunch	W	9	A	12	<input type="checkbox"/>
Mickey White	3	Reg Ed	Not Eligible	W	51	W	1	<input type="checkbox"/>
Pluto Disney	3	Reg Ed	Free Lunch	W	1	P	0	<input type="checkbox"/>
Donald Duck	2	Reg Ed	Not Eligible	A	34	W	38	<input type="checkbox"/>
Blatney Simpson	2	2Way Spanish	Not Eligible	A	54	P	1	<input type="checkbox"/>

How we're helping

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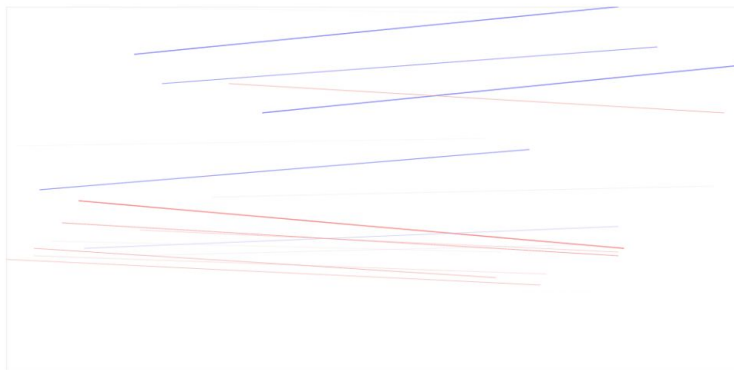
This is an experimental prototype page! Please try it out and share your feedback.

Student progress, since last assessment

Change in percentile rank

Nov 14 2015 - Mar 25 2016

Students: 20 Data points: 40



Greatest changes:

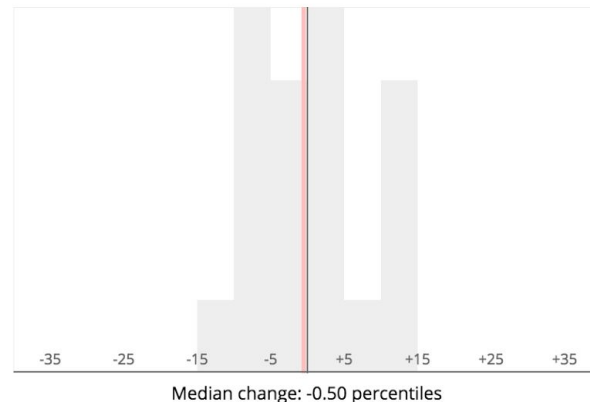
+13	→ 100th	Minnie Pan
-13	→ 34th	Aladdin Disney
+13	→ 84th	Olaf Mouse
+11	→ 61st	Pluto Disney
+10	→ 89th	Aladdin Kenobi
-9	→ 32nd	Elsa Disney
-8	→ 26th	Pocahontas Pan
-8	→ 71st	Olaf Kenobi
-7	→ 24th	Winnie Duck
-6	→ 33rd	Pocahontas Mouse
+6	→ 40th	Rapunzel White
-5	→ 27th	Daisy Duck

Group progress, since last assessment

Distribution of change in percentile rank

Nov 14 2015 - Mar 25 2016

Students: 20 Data points: 40



Performance compared to growth, last assessment

Percentile rank and change in percentile rank

Nov 14 2015 - Mar 25 2016

Students: 20 Data points: 40

Where we're going next

<https://github.com/studentinsights/studentinsights/pull/453>

In use in two schools now, soon three

Integrated into SST and MTSS meetings

Piloting with classroom teachers

Digital rosters for all classroom teachers in September

Expanding across the district

Additional principals and interventionists

Grow classroom teacher adoption

Where we're going next

<https://github.com/studentinsights/studentinsights/pull/453>

Capturing richer information about interventions

- Parent conversations

- Classroom-level interventions

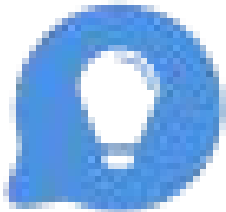
- Attaching student work

Analytics

- Effectiveness of interventions

- Alert system about struggling students

How you can help



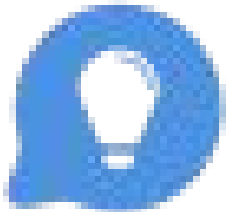
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BOSTON
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How you can help

Make designs and write code

Fund part-time development

Spread the word



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