



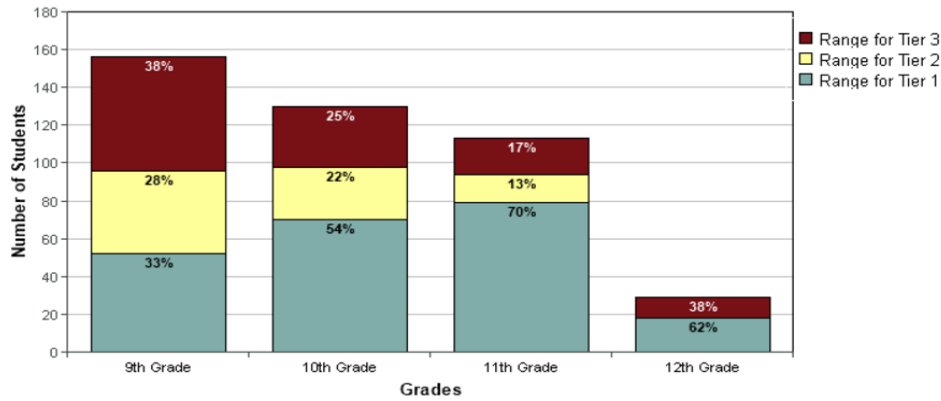
Browning High School

ISIP, Star Math

Attached is the annual data review for BHS is literacy and math The first set of slides shows where our students placed in our fall ISIP benchmark assessment. The next set of graphs show student growth throughout the year. Each triangle is the average score for that month. All students in each grade level took the assessment in September, December, and May. Each graph shows that we had good growth throughout the year. The triangles on the bottom of the chart shows students who originally tested at the Tier 3 level, who were placed in the Read 180 course, and who were assessed monthly.

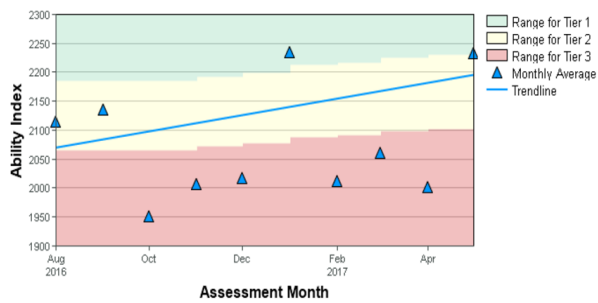
ISIP – Fall Benchmark results!

All Grades - September 2016



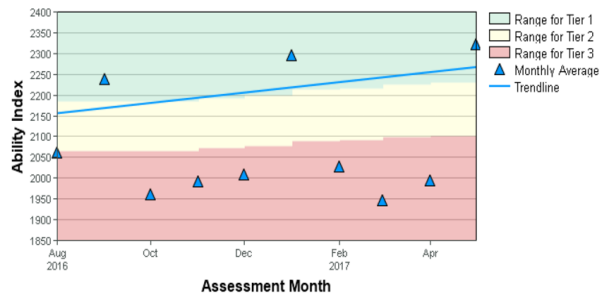
9th Grade

9th Grade - Overall Reading



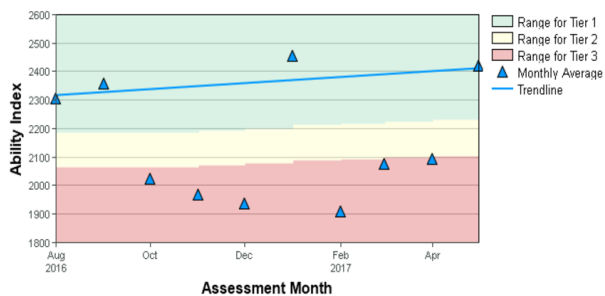
10th Grade

10th Grade - Overall Reading



11th Grade

11th Grade - Overall Reading

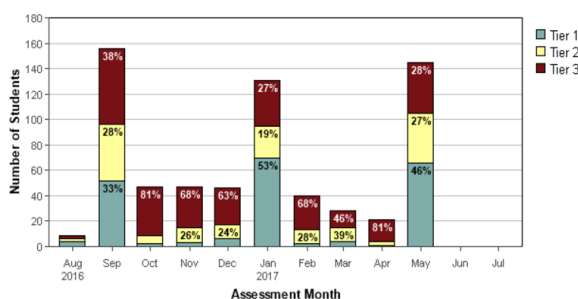


This set of graphs shows the same information as the graphs with the tringles, but in a different format. The information for the 9th grade shows that we tested all students and saw growth over the year, with a 10% reduction of students scoring into the Tier 3 level. The 10th and 11th grade charts also show movement from Tier 3 into the higher levels, but due to attendance, sports, and other spring activities, not all students took the test, or made it up during the spring testing window. What can be done with the data is identify students who took each test, and chart their overall growth to help us analyze strengths and weaknesses. We are also using this data to identify how we can improve our testing process to ensure as many students as possible are tested in the Fall, Winter, and Spring.

9th Grade - Overall



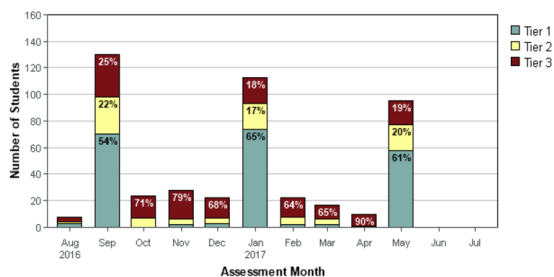
9th Grade - Overall Reading



10th Grade - Overall



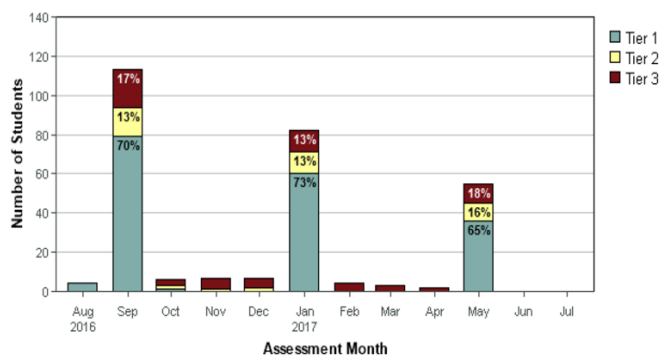
10th Grade - Overall Reading



11th Grade - Overall



11th Grade - Overall Reading



Rate of Improvement...



What is ROI?

Rating	Average Annual %-tile Change*	Description
High	Increase by 8+	Students improving faster than expected will have a high rate of improvement, and are greatly exceeding that of their peers.
Moderate	Between an increase of 8 and a decrease of 2	This is the expected rate of improvement. A student with a moderate rate of improvement is keeping pace with their improving peers.
Low	Decrease by 2+	A student who is under performing is rated low. This student is not improving as quickly as their peers.
N/A	N/A	In order to measure ROI, at least three months with a completed assessment are required. Students without this data will have an n/a rating.

*Theoretical improvement/regression based on a student's trend of change in percentile rank over the year. The rating does not guarantee a student will end the year at a higher/lower percentile rank than they started; rather, the rating measures the average change in percentile rank across the school year.

The chart above explains how “Rate of Improvement” is determined in the STAR Math assessment, and the charts below show the ROI for each grade level assessed. The graphs show that we had Moderate to High growth at all tier levels, with the Tier 2 students showing the most growth over the year.

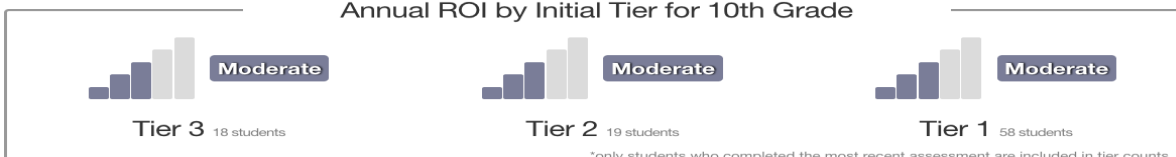
ROI...



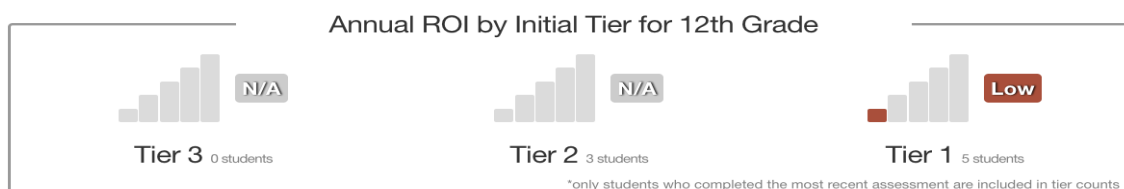
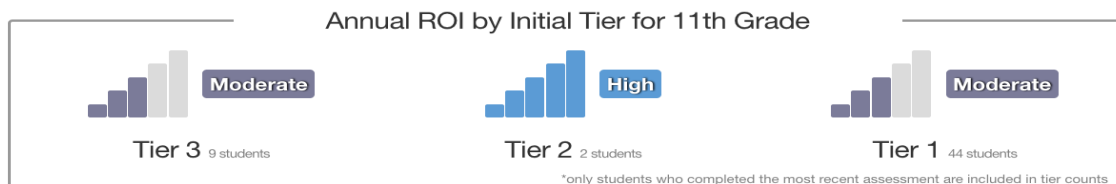
Annual ROI by Initial Tier for 9th Grade



Annual ROI by Initial Tier for 10th Grade



ROI...



The next set of graphs shows the same information, but includes the number of students assessed. The graphs also show how the “Cut Score” for each tier increases over the year. At 9th grade Tier 3 in the fall was a Scaled Score of below 720 and 50% of the 9th grade scored into this range. In the spring the Cut Score increased to 748, and 46% of the 9th grade scored into this range. What this shows is that even though we do have some students who struggle in math, we are seeing growth. Our next step is to assess what concepts the students are still struggling with and adjust our Course Organizers for next year to address the weaknesses and provide more focus on those concepts.

The 12th grade number of students assessed in the spring are low due to only those students who were enrolled in a math course being assessed. This would include our 4 students in Calculus and those students repeating a course that they previously failed in order to gain 2 credits of math.



Star Math – 9th Fall Benchmark

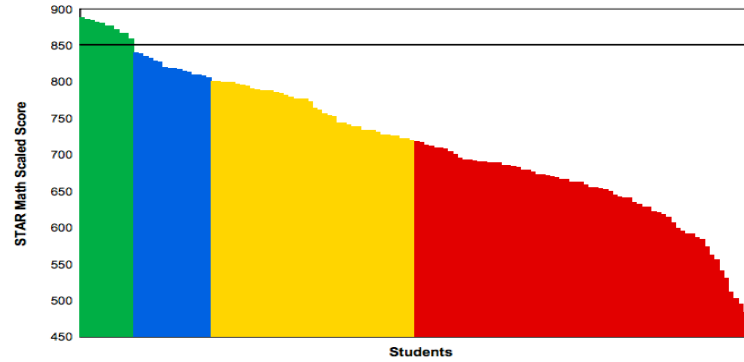
School: Browning High School

Reporting Period: 9/1/2016 - 9/30/2016
(Fall)

Report Options

Reporting Parameter Group: All Demographics [Default]

Grade: 9



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 851 SS	At/Above 70 PR	11	8%
Category Total			11	8%
Below Benchmark				
On Watch	Below 851 SS	Below 70 PR	16	12%
Intervention	Below 802 SS	Below 50 PR	42	30%
Urgent Intervention	Below 720 SS	Below 25 PR	70	50%
Category Total			128	92%
Students Tested			139	



Star Math – 9th Spring Benchmark

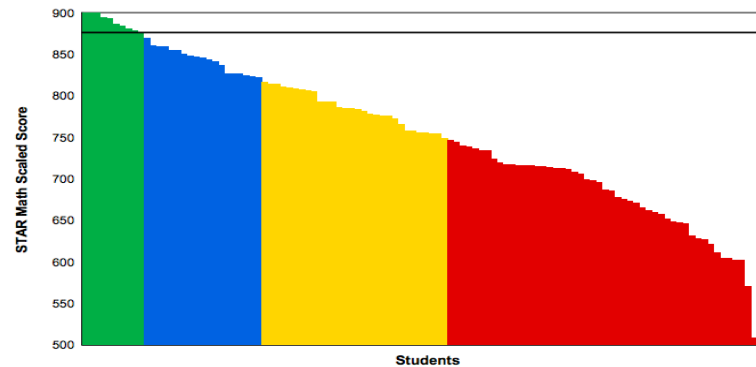
School: Browning High School

Reporting Period: 5/1/2017 - 5/31/2017
(Spring)

Report Options

Reporting Parameter Group: All Demographics [Default]

Grade: 9



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 876 SS	At/Above 70 PR	10	9%
Category Total			10	9%
Below Benchmark				
On Watch	Below 876 SS	Below 70 PR	19	17%
Intervention	Below 820 SS	Below 50 PR	30	27%
Urgent Intervention	Below 748 SS	Below 25 PR	51	46%
Category Total			100	91%
Students Tested			110	



Star Math – 10th Fall Benchmark

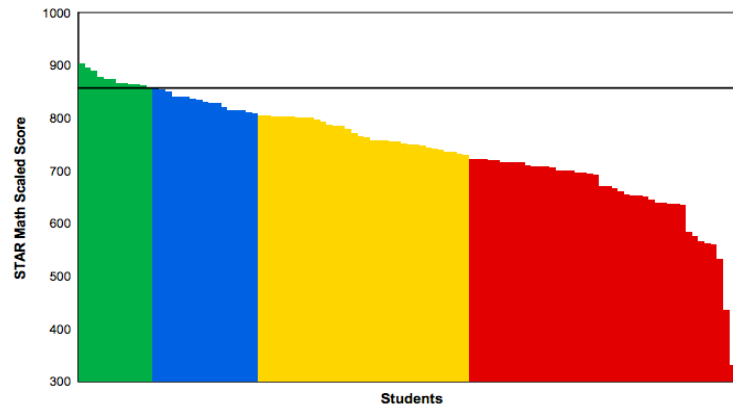
School: Browning High School

Reporting Period: 9/1/2016 - 9/30/2016
(Fall)

Report Options

Reporting Parameter Group: All Demographics [Default]

Grade: 10



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 857 SS	At/Above 70 PR	12	11%
Category Total			12	11%
Below Benchmark				
On Watch	Below 857 SS	Below 70 PR	17	16%
Intervention	Below 806 SS	Below 50 PR	34	32%
Urgent Intervention	Below 723 SS	Below 25 PR	43	41%
Category Total			94	89%
Students Tested			106	



Star Math – 10th Spring Benchmark

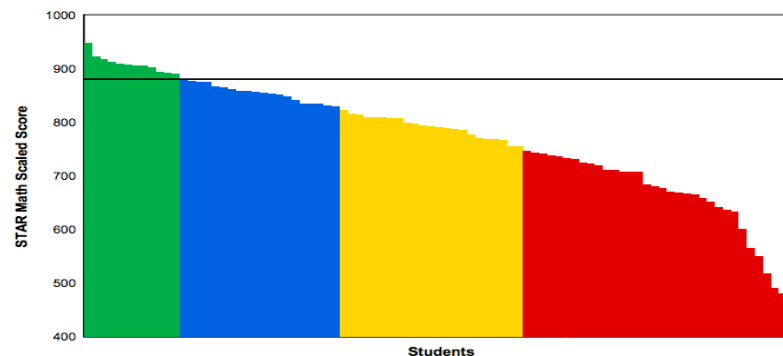
School: Browning High School

Reporting Period: 5/1/2017 - 5/31/2017
(Spring)

Report Options

Reporting Parameter Group: All Demographics [Default]

Grade: 10



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 880 SS	At/Above 70 PR	12	14%
Category Total			12	14%
Below Benchmark				
On Watch	Below 880 SS	Below 70 PR	20	23%
Intervention	Below 826 SS	Below 50 PR	23	26%
Urgent Intervention	Below 749 SS	Below 25 PR	33	38%
Category Total			76	86%
Students Tested			88	



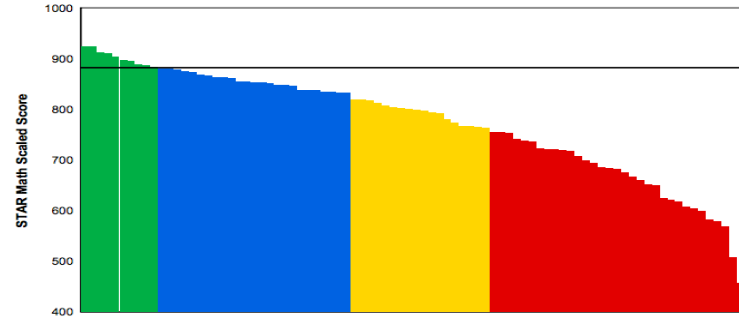
Star Math — 11th Fall Benchmark

School: Browning High School

Reporting Period: 9/1/2016 - 9/30/2016
(Fall)

Report Options
Reporting Parameter Group: All Demographics [Default]

Grade: 11



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 882 SS	At/Above 70 PR	10	12%
Category Total			10	12%
Below Benchmark				
On Watch	Below 882 SS	Below 70 PR	25	29%
Intervention	Below 829 SS	Below 50 PR	18	21%
Urgent Intervention	Below 755 SS	Below 25 PR	33	38%
Category Total			76	88%
Students Tested			86	



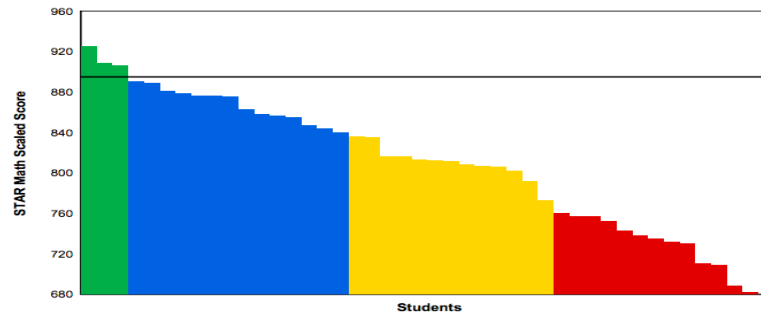
Star Math — 11th Spring Benchmark

School: Browning High School

Reporting Period: 5/1/2017 - 5/31/2017
(Spring)

Report Options
Reporting Parameter Group: All Demographics [Default]

Grade: 11



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 895 SS	At/Above 70 PR	3	7%
Category Total			3	7%
Below Benchmark				
On Watch	Below 895 SS	Below 70 PR	14	33%
Intervention	Below 840 SS	Below 50 PR	13	30%
Urgent Intervention	Below 767 SS	Below 25 PR	13	30%
Category Total			40	93%
Students Tested			43	



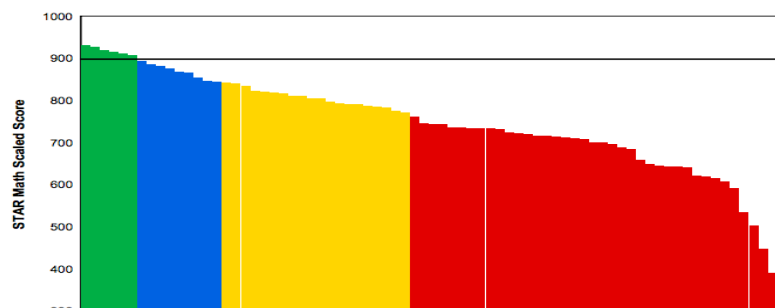
Star Math – 12th Fall Benchmark

School: Browning High School

Reporting Period: 9/1/2016 - 9/30/2016
(Fall)

Report Options
Reporting Parameter Group: All Demographics [Default]

Grade: 12



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 898 SS	At/Above 70 PR	6	8%
Category Total			6	8%
Below Benchmark				
On Watch	Below 898 SS	Below 70 PR	9	12%
Intervention	Below 843 SS	Below 50 PR	20	27%
Urgent Intervention	Below 770 SS	Below 25 PR	39	53%
Category Total			68	92%
Students Tested			74	



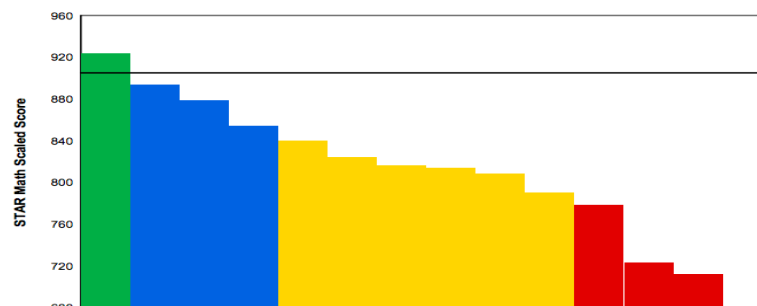
Star Math – 12th Spring Benchmark

School: Browning High School

Reporting Period: 5/1/2017 - 5/31/2017
(Spring)

Report Options
Reporting Parameter Group: All Demographics [Default]

Grade: 12



Categories / Levels	Benchmark		Students	
	Scaled Score	Percentile Rank	Number	Percent
At/Above Benchmark				
At/Above Benchmark	At/Above 905 SS	At/Above 70 PR	1	8%
Category Total			1	8%
Below Benchmark				
On Watch	Below 905 SS	Below 70 PR	3	23%
Intervention	Below 852 SS	Below 50 PR	6	46%
Urgent Intervention	Below 779 SS	Below 25 PR	3	23%
Category Total			12	92%
Students Tested			13	

The set of charts below shows a year by year comparison for each grade level. How did the same group of students do on the math assessment over the past three years. All of the charts show that there has been growth in terms of moving students from the lower tiers into the upper (From red and yellow into blue and green).



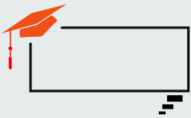
Longitudinal – 9th Grade

Browning High School - Growth

Grade	School Year Aug 1 - Sep 30 (Fall)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 9	2016 - 2017 Grade 9		140	8% 11	41% 58	32% 45	19% 26
	2015 - 2016 Grade 8		127	7% 9	48% 61	28% 36	17% 21
	2014 - 2015 Grade 7		118	12% 14	46% 54	29% 34	14% 16

Browning High School - Growth

Grade	School Year Apr 1 - May 31 (Spring)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 9	2016 - 2017 Grade 9		110	9% 10	43% 47	25% 28	23% 25
	2015 - 2016 Grade 8		134	8% 11	40% 54	31% 41	21% 28
	2014 - 2015 Grade 7		118	9% 11	41% 48	27% 32	23% 27



Longitudinal – 10th Grade

Browning High School - Growth

Grade	School Year Aug 1 - Sep 30 (Fall)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 10	2016 - 2017 Grade 10		107	11% 12	48% 51	28% 30	13% 14
	2015 - 2016 Grade 9		-	-	-	-	-
	2014 - 2015 Grade 8		90	7% 6	48% 43	23% 21	22% 20

Browning High School - Growth

Grade	School Year Apr 1 - May 31 (Spring)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 10	2016 - 2017 Grade 10		90	13% 12	48% 43	21% 19	18% 16
	2015 - 2016 Grade 9		26	8% 2	58% 15	23% 6	12% 3
	2014 - 2015 Grade 8		92	5% 5	43% 40	27% 25	24% 22



Longitudinal – 11th Grade

Browning High School - Growth

Grade	School Year Aug 1 - Sep 30 (Fall)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 11	2016 - 2017 Grade 11		88	11% 10	49% 43	17% 15	23% 20
	2015 - 2016 Grade 10		19	16% 3	58% 11	21% 4	5% 1
	2014 - 2015 Grade 9		74	15% 11	32% 24	26% 19	27% 20

Browning High School - Growth

Grade	School Year Apr 1 - May 31 (Spring)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 11	2016 - 2017 Grade 11		46	7% 3	65% 30	22% 10	7% 3
	2015 - 2016 Grade 10		58	17% 10	52% 30	19% 11	12% 7
	2014 - 2015 Grade 9		75	13% 10	48% 36	23% 17	16% 12



Longitudinal – 12th Grade

Browning High School - Growth

Grade	School Year Aug 1 - Sep 30 (Fall)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 12	2016 - 2017 Grade 12		74	8% 6	38% 28	30% 22	24% 18
	2015 - 2016 Grade 11		10	0% 0	70% 7	20% 2	10% 1
	2014 - 2015 Grade 10		57	12% 7	51% 29	23% 13	14% 8

Browning High School - Growth

Grade	School Year Apr 1 - May 31 (Spring)	Percent of Students by District Benchmark Category	Total Students	70+ PR	25-69 PR	10-24 PR	1-9 PR
Grade 12	2016 - 2017 Grade 12		14	7% 1	71% 10	21% 3	0% 0
	2015 - 2016 Grade 11		33	12% 4	42% 14	24% 8	21% 7
	2014 - 2015 Grade 10		56	9% 5	43% 24	30% 17	18% 10

Overall, both the ISIP and STAR Math assessments show that there is growth annually, as well as from year to year. The data also shows a need for improvement in testing protocol, and that we still have a lot of students scoring into the Tier 3 levels (in need of intervention) on both assessments. This data is used when completing our school improvement plan and action plans.

Attendance

One of the biggest factors in both assessment completion, and student scores is attendance. Below are that Average Daily Membership (enrolled students) and Average Daily Attendance (those students who are enrolled and at school) for the first and second semesters. This is the area most in need of improvement. While many of the issues that affect attendance are beyond the control of the school there are many things that we can do better. As I discussed in my last report we have already identified multiple actions steps for next year. These range from the addition of a dean of students, to changes in our freshman orientation/academy/scheduling, to changes in how we approach professional development as a staff in order to provide focus. We are also working on ways to reduce absences as a result of Out of School Suspension, by changing how we address misbehavior to focus on teaching expectations and individual accountability, and increasing parent involvement in the behavior intervention process.

16-17 Browning High School PO Box 809, Browning MT 59417-0809 Generated on 06/05/2017 02:29:33 PM Page 1 of 1	Attendance/Membership Summary Report Start/End Date: 08/29/2016 - 01/25/2017 School(s): 1 Calendar(s): 1 Grade: 09, 10, 11, 12
--	---

School: Browning High School Calendar: 16-17 Browning High School

	Grade	Student	Membership	Absent	Present	ADM	ADA	Unexcused	Absences	Percent In
		Count	Days	Days	Days			Days	Avg. Daily	Attendance
Total	09	171	14406	2915.21	11490.79	160.06	127.62	2614.06	29.18	79.76%
	10	156	12898	2631.61	10266.39	143.28	114.07	2297.33	25.57	79.60%
	11	143	11543	2251.72	9291.28	128.26	103.25	1960.82	21.81	80.49%
	12	170	12734	1434.10	11299.90	141.49	125.61	1228.67	13.64	88.74%
	4	640	51581	9232.64	42348.36	573.09	470.55	8100.88	90.20	82.10%

16-17 Browning High School PO Box 809, Browning MT 59417-0809 Generated on 06/05/2017 02:31:15 PM Page 1 of 1	Attendance/Membership Summary Report Start/End Date: 01/26/2017 - 06/05/2017 School(s): 1 Calendar(s): 1 Grade: 09, 10, 11, 12
--	---

School: Browning High School Calendar: 16-17 Browning High School

Grade	Student Count	Membership Days	Absent Days	Present Days	ADM	ADA	Unexcused Days	Absences Avg. Daily	Percent In Attendance
09	164	13387	3688.43	9698.57	155.65	112.86	3404.30	39.51	72.45%
10	144	11285	3165.62	8119.38	131.23	94.42	2904.27	33.74	71.95%
11	135	10443	2248.27	8194.73	121.46	95.29	2095.90	24.39	78.47%
12	137	10964	1812.33	9151.67	127.52	106.40	1679.54	19.59	83.47%
Total	4	580	46079	10914.65	535.86	408.97	10084.01	117.23	76.31%

Behavior

The following charts are a summary of the number of behavior incidents per grade level, where the incidents took place, and how many students were involved. The charts show that by far the largest number of incidents take place in the 9th and 10th grade and most of them are during class. However, most of the during class referrals are not taking place in the classroom, but in the hallway, and the majority of them are students skipping class. We are addressing this through our instructional framework by working on increasing student engagement in the class, through increased parent involvement through our automatic notification system and through our Dean of Students, and through teaching expectations in our advisements and then maintaining consistent expectations throughout all classrooms and common areas.

16-17 Browning High School PO Box 809, Browning MT 59417-0809 Generated on 06/05/2017 02:52:05 PM Page 1 of 2		Behavior Cross Section Report Grade: 09 Event Count (ascending)		
School-sponsored activity	Incident Count	Event Count	Participant Count	
On Campus: Auditorium	1	1	2	
Other	Incident Count	Event Count	Participant Count	
Unspecified	1	1	1	
Before Class	Incident Count	Event Count	Participant Count	
On Campus: Locker room or gym	1	1	1	
On Campus: Restroom	1	1	2	
On Campus: Other inside area	1	1	2	
On Campus: Classroom	2	2	2	
On Campus: Hallway or stairs	4	4	6	
During class	Incident Count	Event Count	Participant Count	
On Campus: Cafeteria	1	1	1	
On Campus: Library/Media center	1	1	1	
On Campus: Athletic field or playground	1	1	4	
On Campus: Parking lot	1	1	3	
Off campus: Other off-campus location	1	1	1	
On Campus: Administrative	2	2	6	
Unspecified	3	3	3	
On Campus: Other outside area	3	3	4	
On Campus: Restroom	4	4	8	
On Campus: Locker room or gym	5	5	8	
On Campus: Other inside area	11	11	25	
Location Not Reported	32	32	41	
On Campus: Hallway or stairs	36	36	52	
On Campus: Classroom	154	156	195	
During passing	Incident Count	Event Count	Participant Count	
On Campus: Classroom	1	1	1	
On Campus: Other inside area	1	1	1	
On Campus: Hallway or stairs	5	6	7	
During lunch/recess	Incident Count	Event Count	Participant Count	
Unspecified	1	1	3	
On Campus: Classroom	1	1	3	
On Campus: Locker room or gym	1	1	4	
On Campus: Hallway or stairs	2	2	2	
On Campus: Athletic field or playground	2	2	4	
On Campus: Parking lot	2	2	5	
On Campus: Other inside area	3	3	8	
Off campus: Other off-campus location	3	3	7	
Location Not Reported	5	5	11	
After classes	Incident Count	Event Count	Participant Count	
Location Not Reported	1	1	2	
On Campus: Parking lot	1	1	1	
Other time during school hours	Incident Count	Event Count	Participant Count	
On Campus: Hallway or stairs	1	1	3	
On Campus: Other inside area	1	1	3	
On the way from school	Incident Count	Event Count	Participant Count	
Location Not Reported	1	1	2	
Off campus: Bus stop	1	1	1	

16-17
Browning High School

PO Box 809, Browning MT 59417-0809
Generated on 06/05/2017 02:52:41 PM Page 1 of 1

Behavior Cross Section Report

Grade: 10
Event Count (ascending)

Unspecified	Incident Count	Event Count	Participant Count
On Campus: Hallway or stairs	2	2	2
Unspecified	3	3	3
School-sponsored activity	Incident Count	Event Count	Participant Count
On Campus: Auditorium	1	1	1
Off campus: Other off-campus location	1	1	3
Before Class	Incident Count	Event Count	Participant Count
Unspecified	1	1	1
On Campus: Classroom	1	1	1
On Campus: Restroom	1	1	3
On Campus: Other inside area	1	1	1
On Campus: Hallway or stairs	6	6	6
During class	Incident Count	Event Count	Participant Count
On Campus: Locker room or gym	1	1	4
On Campus: Parking lot	1	1	1
On Campus: Other outside area	1	1	3
Off campus: Other off-campus location	1	1	4
On Campus: Restroom	3	3	3
On Campus: Cafeteria	4	4	6
On Campus: Library/Media center	4	4	4
On Campus: Other inside area	6	6	9
Unspecified	14	14	15
Location Not Reported	17	17	25
On Campus: Hallway or stairs	30	30	32
On Campus: Classroom	123	124	141
During passing	Incident Count	Event Count	Participant Count
On Campus: Other inside area	1	1	1
Location Not Reported	2	2	2
On Campus: Hallway or stairs	3	3	4
During lunch/recess	Incident Count	Event Count	Participant Count
On Campus: Classroom	1	1	1
On Campus: Hallway or stairs	2	2	2
On Campus: Athletic field or playground	2	2	2
Off campus: Other off-campus location	3	3	4
Location Not Reported	5	5	9
Other time during school hours	Incident Count	Event Count	Participant Count
On Campus: Classroom	1	1	1
On Campus: Other inside area	1	1	1
On the way to school	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	2
Context Not Reported	Incident Count	Event Count	Participant Count
On Campus: Classroom	1	1	1
Location Not Reported	10	10	12

16-17 Browning High School PO Box 809, Browning MT 59417-0809 Generated on 06/05/2017 02:52:53 PM Page 1 of 1	Behavior Cross Section Report Grade: 11 Event Count (ascending)
--	--

Unspecified	Incident Count	Event Count	Participant Count
Unspecified	4	4	4
School-sponsored activity	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1
Before Class	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1
During class	Incident Count	Event Count	Participant Count
On Campus: Cafeteria	1	1	1
On Campus: Restroom	1	1	1
On Campus: Library/Media center	1	1	1
Unspecified	2	2	2
On Campus: Other inside area	2	2	2
Location Not Reported	6	6	7
On Campus: Hallway or stairs	10	10	10
On Campus: Classroom	20	20	25
During passing	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1
On Campus: Hallway or stairs	4	4	6
During lunch/recess	Incident Count	Event Count	Participant Count
On Campus: Locker room or gym	1	1	1
On Campus: Athletic field or playground	1	1	2
Off campus: Other off-campus location	2	2	3
On Campus: Cafeteria	2	3	3
On Campus: Hallway or stairs	3	3	3
Location Not Reported	4	4	4
After classes	Incident Count	Event Count	Participant Count
On Campus: Hallway or stairs	1	1	1
Other time during school hours	Incident Count	Event Count	Participant Count
On Campus: Cafeteria	1	1	1
Context Not Reported	Incident Count	Event Count	Participant Count
Location Not Reported	3	3	3

16-17 Browning High School PO Box 809, Browning MT 59417-0809 Generated on 06/05/2017 02:53:16 PM Page 1 of 1	Behavior Cross Section Report Grade: 12 Event Count (ascending)
--	--

Unspecified	Incident Count	Event Count	Participant Count
Unspecified	1	1	1
School-sponsored activity	Incident Count	Event Count	Participant Count
On Campus: Hallway or stairs	1	1	1
On Campus: Stadium	1	1	1
Before Class	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1
On Campus: Hallway or stairs	1	1	1
On Campus: Classroom	4	4	5
During class	Incident Count	Event Count	Participant Count
On Campus: Library/Media center	1	1	1
On Campus: Hallway or stairs	2	2	2
Location Not Reported	4	4	4
On Campus: Other inside area	4	4	6
Unspecified	6	7	7
On Campus: Classroom	12	12	12
During lunch/recess	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1
On Campus: Hallway or stairs	1	1	2
Context Not Reported	Incident Count	Event Count	Participant Count
Location Not Reported	1	1	1