

Sabino High School Proposal



SABINO JUNIOR HIGH / SENIOR HIGH SCHOOL

Proposal Description:

- Change 9-12 to a 7-12
- Immediate Needs: No further renovations needed
- Long Term Plan: No further renovations needed

Integration Strategies:

Pairing and Clustering: N/A

Boundaries: No boundary changes required; boundary changes would not increase integration

Magnet: Sabino is not a magnet school, and the proposal would not significantly impact any surrounding magnet schools as described in the current and previous DIAs.

Open Enrollment (supported by incentive transportation): Students living within the boundary of a Racially Concentrated school could attend Sabino through open enrollment. For students whose enrollment would increase integration at Sabino, the District would provide free transportation in the form of an express bus from a central location to Sabino (perhaps combine 6th graders open enrolled to Collier/Fruchthendler with 7th and 8th graders open enrolled to Sabino). An increase in non-Anglo students at Sabino would move it towards the definition of an Integrated School

Proposal-specific strategies to promote integration and/or other USP activities

- Activity buses can help students with after-school activities if they live out of the immediate area
- To mitigate potential impacts on Magee Middle School, the District could develop and offer enhanced ALE programs at Magee (such as partnerships with Sahuaro High School for AP or Dual-Credit courses) to attract more Latino students to Magee and to prepare African American and Latino students for success in core classes and Advanced Learning Experiences (ALEs).

Pros and Cons:

Pros:

- Increases enrollment at a school which is not racially concentrated.
- Increase choice for parents and students in TUSD. By right, the students in Sabino may still attend Magee middle school.
- Should retain students within TUSD who currently leave for surrounding districts or charters (over 400 students in the Sabino Area do not attend TUSD 7th and 8th grades)
- May attract students from outside TUSD (Emily Grey students in the Tanque Verde School District transition after the 6th grade and 30 already enter Sabino each year as 9th graders)
Note: The attractiveness of Sabino is already demonstrated by the fact that 53% of the enrollment is from outside the school's attendance area.
- This option meets the goal of improving education by offering a very highly rated academic program to more students.
- An increased population at Sabino provides capacity for a broader range of courses and programs; these may attract more diverse open enrollment students
- The non-Anglo enrollment at Sabino is currently 42% and is increasing by 1% per year so this change will not create a racially concentrated Anglo school.
- Targeted marketing, the express bus and selective placements through Open Enrollment will move the school toward integration.
- Reduces transitions between school levels, which may retain students within TUSD
- 7th and 8th graders, who so choose, have access to HS curricula and a broader range of courses
- No facility improvements required

Cons:

- Safety perceptions due to the mix of different ages (the students will be in a separate wing with a dedicated monitor and would be transported on separate buses)
- Cost to provide separate buses for 7th and 8th grades

Costs:

Construction: Immediate Needs: \$0; Long Term Plan: \$0

Transportation:

- \$194,000-\$259,000 for 3 to 4 buses if 7th and 8th graders do not ride with the upper grades.
- \$64,000 for an express bus (ride time 45 minutes versus 1.5 hours for current bus)

Marketing:

- Included in overall School Choice marketing plan
- Additional costs range from \$0 for social media platforms to \$5,000 per month for TV commercials

Sabino Evaluation:

Pos(+)	Neut.	Neg(-)	Criteria
	X		Demographics (i.e., race, ethnicity, exceptional ed., current and projected enrollment, current and projected development patterns, socio economic status, GATE and other)
X			Targeted operating capacities
X			Current and planned instructional programs
	X		Effects on integration
	X		Student transportation
	X		Feeder patterns
	X ¹		Fiscal impacts

Note: 1. Benefits will balance costs if additional students are attracted to TUSD

**TUCSON UNIFIED SCHOOL DISTRICT
DESEGREGATION IMPACT ANALYSIS**

Action: Sabino High School as a 7-12 School

Summary

Sabino High School serves grades 9 through 12 from the northeast area of the District west to Craycroft Road and south to Pima Street. This is an analysis of the racial-ethnic composition of Sabino as a 9-12 school, the impact of adding 7th and 8th grades to that school, and estimated impacts of the proposed change to the District’s obligations under the USP.

A. Analysis of the impact of the requested action on the District’s obligation to desegregate.

Current 9-12 grade enrollment

As shown in the Table 2 there are approximately 1000 students at Sabino. The racial-ethnic composition is 58% Anglo and 36% African American and Latino.

The feeder patterns for Sabino are shown in the following table, where “P” means a portion. There is also a very small portion of the Hudlow-to-Booth/Fickett Area that feeds less than 30 students to Sabino.

BLOOM (P) COLLIER FRUCHTHENDLER (P) WHITMORE (P)	MAGEE (P)	SABINO
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Based on 2010 census data, for the Sabino Area, there are nearly 400 7th and 8th graders who do not attend TUSD schools (Map 1 below). This is reinforced by an analysis of transitions into the 9th grade at Sabino. That analysis shows that 82 students entering the Sabino 9th grade this year did not attend TUSD schools last year.

Sabino HS Impacts

While there is little data to project all of the Sabino impacts, Typical 6th to 7th grade transition data support the projection that almost all of the Collier and Fruchthendler 6th graders would transition to Sabino. The enrollment at Sabino would be 150 to 170 with just the Collier and Fruchthendler transitions. This is enough to create a workable program—3 classes per grade level.

The other enrollment components of the Sabino Junior High are less easily estimated. The goal would be to have 320 students (the capacity of the junior high school building) by:

1. Recruiting 100 students who don’t now attend TUSD schools. This appears to be achievable because, as noted above, there are 190 middle-school-age students per grade (nearly 400 7th and 8th graders total) in the Sabino Area who are not attending TUSD schools. Also, there are 30 students in the Tanque Verde District who already opt

to attend Sabino each year in the 9th grade. These students could be recruited to attend Sabino as they graduate from the 6th grade at the Emily Gray K-6 school.

2. Providing express buses from racially concentrated school areas. In survey of parents of sixth and seventh grade students in racially concentrated schools areas, 874 respondents indicated that they would be interested in enrolling their child at Sabino if express buses were provided. The analysis below assumes that only 50 students would actually exercise this option (about 6% of the positive respondents).

The various sources of students and the total impact are shown in Table 1.

Table 1

Change Component (Students Who May Elect the Sabino 7th and 8th Option Based on a 320-Student Enrollment Goal)

Change Component (inc. express bus)	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
Collier to Sabino ¹	45	4	16	2	1	2	70
	64%	6%	24%	2%	1%	3%	
Fruchthendler to Sabino ²	66	2	26	0	2	4	100
	66%	2%	26%	0%	2%	4%	
New from Sabino Area ³	32	4	21	0	0	3	60
	54%	6%	35%	0%	0%	5%	
New from Other Districts ⁴	25	0	14	0	1	0	40
	63%	0%	35%	0%	2%	0%	
Express Bus from Racially Concentrated Areas ⁵	0	4	40	4	1	1	50
	63%	0%	35%	0%	2%	0%	
Total Sabino 7th and 8th	168	14	117	6	5	10	320
	53%	4%	37%	2%	2%	3%	

Notes:

1. These are the Collier 6th graders who are projected to transition to Sabino; added to Sabino. This is a projection based on typical 6th to 7th grade transition rates.
2. These are the Fruchthendler 6th graders who are projected to transition to Sabino; added to Sabino. This is a projection based on typical 6th to 7th grade transition rates.
3. These are students from a non-TUSD school 6th grade who transition to 7th and 8th grades at Sabino; added to Sabino. This is not a projection based on known data; it is a target based on the nearly 400 7th and 8th grade students who live in the Sabino Area but do not attend TUSD schools.
4. These are students from outside the district--primarily the Emily Gray 7-8 school in TVSD; added to Sabino. This is an estimate based on the 30 students per year who enter the Sabino 9th grade from the Tanque Verde School District.
5. This is from a survey of parents of 6th and 7th graders from racially concentrated school areas who indicated they would be interested in enrolling their child at Sabino if express buses were provided. The analysis assumes only about 6% of the positive respondents would actually exercise the option.

With these changes, Sabino would increase from approximately 1000 students to over 1300 students. It has a capacity of 1950 so its utilization would increase from 52% to close to 70%. And there would be a very slight positive impact on the racial-ethnic composition of the overall school.

The addition of an express bus to transport students from racially concentrated school areas is expected to add, in the long run approximately 25 non-Anglo students per grade to Sabino. This is based on a survey of 6th and 7th graders in racially concentrated school areas, which indicated that 874 parents (39% of respondents) may be interested in having their children attend Sabino if an express bus were provided. If this were applied to all 6 grades that might be able to attend Sabino, there would be over 2600 parents interested. For the purposes of this analysis, we have assumed there would be three buses with 50 students each (approximately 6% of the potential indicated by the survey). These buses would provide express service from Pueblo, Cholla and Tucson High areas.

The results shown below indicate that the additional students from racially concentrated schools areas would move the school 4% to 5% closer to being integrated in two racial-ethnic categories.

Table 2

Sabino Impacts

School (grades)	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
Sabino (9-12)	586	57	300	5	14	47	1009
%	58%	6%	30%	0%	1%	5%	
Sabino (projected 7-12 from Table 1) ¹	754	71	417	11	19	57	1329
%	57%	5%	31%	1%	1%	4%	
Additional 9-12 Express Bus Riders	0	8	82	7	1	2	100
%	0%	8%	82%	7%	1%	2%	
Sabino (projected 7-12) w/ Bus	754	79	499	18	20	59	1429
%	53%	6%	35%	1%	1%	4%	

Notes:

1. This includes the express bus 7th and 8th grade component.

Magee MS Impacts

As shown in Table 3, based on students currently attending Magee and assuming the worst-case scenario, the change would reduce the enrollment of Magee by 95 students; 70 from the Collier Area and 25 from the Fruchthendler Area.

Of the 55-60 students in the Fruchthendler 5th grade, approximately 10 transition into the Magee 6th grade (see the Notes section below); most of the rest (approximately 50) attend non-TUSD schools. It is expected that some of the Fruchthendler students (about 10 each year) will continue to matriculate to Magee and some 7th graders from Magee will select the Sabino option.

Of the 30 students in the Collier 5th grade, most transition into the Magee 6th grade. Thus, although the number of students in Collier is smaller than Fruchthendler, the impact of a 6th grade at Collier is greater on Magee.

The change is expected to have a minimal impact on the racial ethnic composition of Magee. The table below shows an analysis of the racial-ethnic impacts on Magee.

Table 3

Change Component (Students Who May Elect the Sabino 7th and 8th Option)

Change Component	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
No Longer at Magee ¹	58	9	24	1	1	2	95
	62%	9%	25%	1%	1%	2%	

Note:

1. This includes the Fruchthendler Area and Collier Area students who attend Magee; subtracted from Magee (70 from Collier, 25 from Fruchthendler). It is a worst-case scenario as fewer students from those areas may choose Sabino over Magee.

Magee Impacts

Grades	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
Magee (current 6-8)	274	75	203	9	12	17	590
%	46%	13%	34%	2%	2%	3%	
Magee (projected 6-8)	216	66	179	8	11	15	494
%	44%	13%	36%	2%	2%	3%	

Impact of an Express Bus on Magee Middle School

A survey of 5th graders in racially concentrated middle school areas indicated that 140 parents (29% of respondents) may be interested in having their children attend Magee if an express bus would be provided. If this were applied to all 3 grades which they may attend at Magee, there would be over 400 parents interested. For the purposes of this analysis, we have assumed there would be one bus with 40 students (approximately 10% of the potential indicated by the survey).

The results shown below indicate that the additional students from racially concentrated schools areas, plus the transition of students to Sabino, would move the school 6% closer to being integrated in two racial-ethnic categories.

Table 4

Change (grades)	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
Express Bus (6-8)	0	2	34	3	0	1	40
%	0%	5%	85%	8%	0%	3%	

School (grades)	Anglo	Afr Am	Hisp	Nat Am	Asian-PI	Multi	Total
Magee (projected 6-8)	216	66	179	8	11	15	495
%	44%	13%	36%	2%	2%	3%	
Magee (projected 6-8 w/ express bus)	216	68	213	11	11	16	535
%	40%	13%	40%	2%	2%	3%	

Impacts on Other Middle Schools

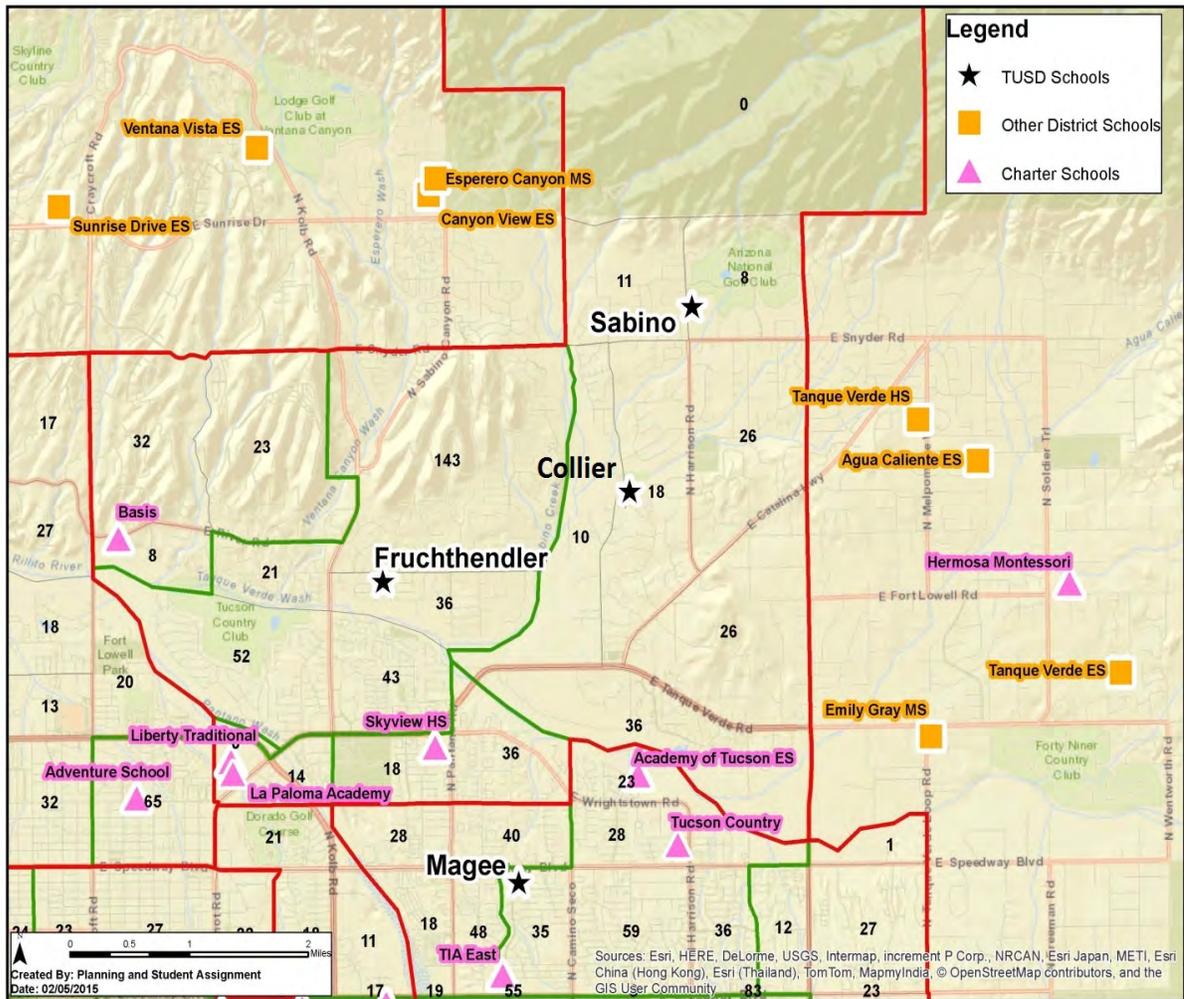
Recruitment efforts will be aimed at attracting students who do not attend TUSD schools rather than transferring students between TUSD schools, except in cases where the District can successfully recruit middle and high school students who might otherwise attend a racially concentrated middle or high school to open enroll into Sabino to improve integration (supported by incentive transportation and express busing). For all other middle schools, the impacts are expected to be minimal (less than a few students, as substantiated by attendance data provided in Section C below).

Map of the Area

The following shows the Sabino Area, outlined in red, and within it the Fruchthendler Area and Collier Area in green. Both are wholly within the Sabino HS Area. The Sabino HS Area also includes portions of Bloom, Hudlow, and Whitmore. At the middle school level, it includes a large portion of Magee and, to a much lesser extent, Booth-Fickett.

The numbers show the total number of middle-school-age students in 2010 who did not attend TUSD schools. The largest such number is in the area directly north of Fruchthendler.

Map 1



Renovation Costs

- Immediate Needs: \$0
- Long Term Plan: \$0

Transportation Costs

- \$194,000-\$259,000 for 3 to 4 buses if 7th and 8th graders do not ride with the upper grades.
- \$190,000 for three express buses; one each from the Cholla, Pueblo and Tucson High areas (ride time 45 minutes versus 1.5 hours for the current open-enrollment bus)

B. Analysis of how the proposed change will impact the District's obligations under the USP

The District, Plaintiffs, and Special Master have identified 65 USP implementation activities, organized by the ten USP sections I-X. Below, the District analyzes the potential impact of the proposed grade configuration change on the District's obligations under each of the ten USP sections:

- 1. Compliance** No potential impact.
- 2. Student Assignment** The proposal itself will result in minimal potential impacts to Sabino and to the neighboring middle school, Magee, as shown in Section A above (see Table 1 and Table 2). However, an extremely low number of middle-school-aged students from the Sabino area attend District schools for 7th through 8th grade. Retaining more of these students at Sabino (students who now attend non-District schools) will offer additional opportunities to increase integration districtwide by broadening the pool of available students to which the District can more directly engage in marketing, outreach, and recruitment activities. As an ancillary measure, the District is proposing to develop ALE programs (AVID and/or partnerships with Sahuaro High School for pre-AP or Dual-Credit courses) at nearby Magee Middle School to increase its attractiveness to Latino students and families to increase integration at Magee.
- 3. Transportation** Positive impact if the express bus is added. 7th and 8th grade students living within the boundary of a racially concentrated middle school, or 9th – 12th grade students living within the boundary of a racially concentrated high school, whose enrollment at Sabino would improve integration, would receive free transportation to Sabino via an express bus.
- 4. Admin/Cert Staff** No potential impact.
- 5. Quality of Education** Positive impact by the addition of AVID and AP programs at Magee to prepare African American and Latino students for success in core classes and Advanced Learning Experiences (ALEs) such as GATE and pre-AP classes.
- 6. Discipline** No potential impact.

- 7. **Family and Community Engagement** Currently, many students and families living in the Sabino area disengage from the District after 5th grade, frustrating efforts at family engagement, including: marketing, outreach, and recruitment; ALE, UHS, and dual-language recruitment ; and sharing information about college, career, and other opportunities available through the District. Adding 7th and 8th grades to Sabino will likely improve family engagement and participation at Sabino, translating to increased student retention, improvements in educational outcomes, reductions in disciplinary issues, and improved culture and climate.
- 8. **Extracurricular Activities** No potential impact.
- 9. **Facilities and Technology** No potential impact.
- 10. **Accountability and Transparency** No potential impact.

C. Notes on the Above Demographic Analysis

- All of the projections are estimates based on current patterns of choice. The projections are based on a 70% transition of 5th to 6th graders at Collier and Fruchthendler and a 100% transition of these students into the 7th grade at Sabino. There is no current data on 7th and 8th grade preference for a high school and little data on preferences for 6th grades in an elementary school. The exception is Drachman K-6 which has a 5th to 6th grade transition of 60% to 80%—in line with the 70% used in this analysis. The 5th to 6th transition rates at K-8 schools (50% to 80%) also support the estimate.
- The above estimates are based on current TUSD students. Because k-8 capture rates (TUSD students/total school age population) are less than 60% in the subject areas, there is a potential to attract students who do not currently attend TUSD schools and there is potential to attract students from outside TUSD. For example, as shown in the table below, 75% of the Fruchthendler 5th graders in SY2013-14 did not attend TUSD schools in 6th grade the following year.

School	Enrollment
Not in TUSD	47
Dodge Magnet	4
Doolen	1
Fickett Magnet	1
Gridley	1
Magee	9

- The transition of students from Collier and Fruchthendler to Sabino would, conservatively, add 150-170 students to Sabino. To reach the goal of 320 students set by the school without impacting other TUSD schools, Sabino will need to recruit students who live in the Sabino Area but do not attend TUSD schools and, to a lesser extent, recruit students from outside TUSD. The potential of this approach is indicated in the table below, which shows that 82 students entering the Sabino 9th grade this year did not

attend TUSD schools last year. This is supported by 2010 Census data that shows 580 middle-school-age students in the Sabino Area (190 per grade) do not attend TUSD middle schools.

Transition of 8th Graders into the 9 th Grade at Sabino	
School	Enroll
TUSD Area students not in TUSD middle schools	82
TUSD Area students in TUSD middle schools	138
Amphitheater SD	1
Catalina Foothills SD	3
Sunnyside SD	5
Tanque Verde SD	33

SABINO PARENT/FACULTY SURVEYS SUMMARY

Parents and guardians of current students were surveyed to determine their level of interest and support of Sabino to pursue the implementation of a Junior High School component. 80% of the parents/guardians responded favorably towards a Sabino Junior High School model that would transition 7-12 grades into the Sabino school community. Respondent parents/guardians indicated their support of an enrollment preference for parents who have younger students who may apply for the program through the school choice process.

Current faculty were also surveyed to determine their level of support, specifically, who would be highly qualified and interested in teaching at the 7th and 8th grade levels. 51% of current faculty responded favorably towards a possible junior high school program onsite, and indicated a willingness and interest to teach junior high students.

Parent-Link Phone Survey

Questions for parents of 6th and 7th graders who live in the attendance areas of Racially Concentrated middle schools, and who would be eligible for incentive transportation to Sabino High School:

Sabino High School is a National Blue Ribbon School with an A-rating on the northeast side of town.

Would you be interested in enrolling your child at Sabino if TUSD offered a free one-hour bus ride to Sabino from the vicinity of Pueblo Magnet High School?

Yes 349 No 460

Would you be interested in enrolling your child at Sabino if TUSD offered a free one-hour bus ride to Sabino from the vicinity of Cholla Magnet High School?

Yes 266 No 475

Would you be interested in enrolling your child at Sabino if TUSD offered a free 45-minute bus ride to Sabino from the vicinity of Tucson High Magnet School?

Yes 259 No 244