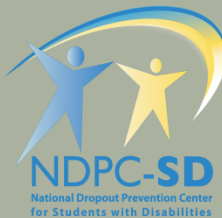


Latino Male Dropout



Promoting School Completion for Minority Male Youth with Disabilities

Robert Lucio, PhD



Overview

✧ Objectives

- Begin to understand the cultural and contextual factors impacting Latino Male achievement

✧ Background and Context

✧ State of the Literature

✧ Data Analysis

✧ Implications

Background

- ✂ Latino do not fare as well as their White or Black counterparts in educational outcomes
- ✂ In 2007, Latino students had the highest dropout rates of any racial/ethnic group
- ✂ Eighteen percent of Latino students dropped out of school compared to 8.1% overall, and 5.2% of White students and 9.3% of Black students

Background

- ✂ This disparity is even greater when looking specifically at males where the Latino dropout is 19% compared to 9.1% of all students (6.3% White; 10.6% Black)
- ✂ To make matters even worse, 27.0% of Hispanic children under the age of 18 live below the poverty line
- ✂ This seems grim when considering that by the year 2050 the U.S. Census Bureau projects that the Hispanic school age population will increase by 166% and that there will be more school age Hispanic children than any other group

Background

- ✎ The college going rate for All Latino students (for high school completers) was 37% compared to 49% for the White completers
- ✎ 45% of Hispanic students have taken some type of remedial classes in high school (compared to 38% of all students)

Background

✂ Poor achievement is related to other negative public health outcomes and high-risk behaviors such as:

- Health behaviors and chronic disease
- Premature sexual activity
- Early pregnancy
- Delinquency
- Crime
- Violence
- Alcohol
- Drug abuse
- Suicide

Context

- ∞ Call to incorporate cultural competence into all aspects of practice (intervention, training, organizational, practice)
- ∞ When looking specifically at the risk factors and protective factors for students, there is a clear need to understand the ethnic differences for each group, and to begin developing specific models that represent the unique needs of each population
- ∞ Interventions that are culturally adapted have shown evidence of improved outcomes
- ∞ Risk factors are not the same for all groups (cultural, structural, economic, regional, social)
- ∞ Definitions of risk and protective factors can vary by group
- ∞ Which interventions work best for whom for which conditions in which settings

Drop Out Episodes x Gender and Race

Female							
	White	American Indian, Alaska Native	Asian Hawaii/ Pac Islander	Black, African American	Hispanic	Multi Racial	All Female
Special Ed	14.6%	9.1%	6.8%	17.6%	24.9%	25.4%	17.1%
General Ed	5.1%	17.5%	5.3%	8.9%	11.6%	7.7%	6.7%
Total	6.6%	15.7%	5.4%	10.6%	14.1%	10.9%	8.3%

Male							
	White	American Indian, Alaska Native	Asian Hawaii/ Pac Islander	Black, African American	Hispanic	Multi Racial	All Male
Special Ed	15.5%	33.3%	18.7%	32.2%	26.8%	26.2%	20.9%
General Ed	5.3%	19.0%	7.6%	13.8%	14.7%	11.7%	8.3%
Total	7.8%	23.3%	9.2%	19.1%	18.0%	16.2%	11.3%

What literature exists?

- Example Search:
- EBSCO (Psycinfo, ERIC, Educational Full Text)
- Started looking at Factors that Impact the Educational Outcomes of Latino Males **with** a Disability
- Limited Search to peer reviewed journals
- Initial Time Frame 1953 to Feb 2012
- Looked at articles that specifically mention the impact on Latino/Hispanic and Males
- Focus must have been an achievement measure as an outcome

What literature exists?

(impede or promote or enhance or impact or climate or attend* or behavior* or engage* or involvemen*)

AND

(“educational attainment” or academic or achievement or “academic competence” or attainment or success or graduat* or drop-out or “drop out”)

AND

(latin* or Hispanic or Mexic* or “puerto rican” or “puerto rico” or Dominic* or cuba* or venez* or hondur* or colomb* or nicara* or costa ric* or chile* or bolivia* or argentin* or uruguay* or paraguay* or bolivia* or panama* or ecuador* or guatamala* or peru* or beliz*)

AND

(autism or “mental retardation” or disabilit* or impairment or “learning disability” or “developmental delay” or “brain injury” or “emotional disturbance” or “behavioral disorder” or “emotional disorder” or ADHD or “special education” or speech or deaf or blind or ESE)

AND

(male or boy)

What literature exists?

Educational Outcomes of Latino Males with Disabilities

Search returned 13 results

5 of which were relevant

Of these

- ∞ 1 was from 2007
- ∞ 2 were from the 1990's
- ∞ 2 were from the 1980's

- ∞ 2 looked specifically at males with disabilities (1 was a case study)
- ∞ 1 looked at referral patterns into special education
- ∞ 2 looked at general risk factors for Latinos with disability, with a discussion of the gender effect

What literature exists?

Educational Outcomes of Latinos Males

Removed Disabilities

Search returned 581 results

25 relevant articles

- 21 were from between 2000 and 2012

- 5 were from the 1990's

- 3 were from the 1980's

- 4 looked specifically at Latino males (2 were case studies)

- 2 looked at males but included more than Latino

- 1 looked at referral patterns into special education

- 10 Looked at general risk factors for Latino boys and girls, but discussed a gender effect

What literature exists?

Educational Outcomes of Latinos

Removed Male

Search returned 2194 results

Limited search from 2000 to 2012 and found 1431 articles

Of which 159 were relevant

What literature exists?

Educational Outcomes Males

Removed Latino and Put Back Male

Search returned 10,045 results

Limited search from 2000 to 2012 and found 4,663 articles

What literature exists?

Educational Outcomes

Search returned 61,716 results

Limited search from 2000 to 2012 and found 39,529 articles



Barriers

- Current models too broad to be effective
- Central Focus is Academic Achievement
 - Rtl
 - Evidence based practice
 - Limited resources (where to spend money)
 - Where to intervene – bang for the buck
 - Cultural appropriate interventions

Barriers

Risk and Protective Factors Related to Achievement

Model for Academic Achievement



All Students

Risk and Protective Factors (133)

Child		
Aggression	Gay, Lesbian, Bisexual	Pro-Social Behaviors
Anxiety	Gender	Race/Ethnicity
Attitude Towards School	Growth and Development	Self Esteem
Birth Order	IQ	Self-Regulated Learning
Birth Season	Learning Disability	Sleep Time
Birth Weight	Locus of Control	Social Competence
Birthday	Mental Health Factors	Social Skills
Delinquency	Motivation	Student Smoking
Emotional/Behav. Disorders	Personality Type	Student Substance Use
English Fluency - ESL	Pregnancy	Societal Rejection
Future Orientation	Physical Health Status	

School		
Academic Engagement	Grade Retention	School Safety
Academic Expectations	Homework	School SES
Academic Self-Efficacy	Music Instruction	School Size
Discrimination in Schools	School Behaviors	School/Residential Mobility
Attendance	School Belonging	Supportive School Environ.
Class Size	School District Size	Teacher Relationships
Educational Support	School Minority Rates	High Challenging Classes
Ethnocultural Support	School Activities	Over age for Placement
Parental School Involvement	School Quality	Teacher Support
Family Type - School	School Relevance	

Peer		
Bullying (Victimization) (MFC)	Peer Acceptance	Peer Religion
Peer Academic Performance	Peer Behaviors	Peer Support
Peer Academic Expectations		

Family		
Absent Parent Involvement	Family Structure (1 parent)	Parental Involvement
Acculturation	Family Support M)	Parental Monitoring
Adoption	Family Trauma	Parental-Child Attachment
Age of Mother at Birth	Generational Status	Parent-Child Conflict
Assets/Income	Home Educational Resources	Parenting Style
Basic Needs	Homelessness	Perceived Safety
Breast Feeding	Life Stressors	Poverty or Economic Status
Child Support	Maltreatment/Abuse	Relationships and Dating
Counseling	Maternal Depression	Religiosity
Cultural Factors	Maternal Employment	
Employment - Student	Maternal Health	Residential Father
English Fluency	Number of Siblings	Social Support
Ethnic Identity	Parent's Social Resources	Supervision of Homework
Family Cohesion	Parental Academic Expect.	Supportive Adults
Family Management	Parental Distress	Sibling Relationship
Family Violence	Parental Efficacy	Sibling Academic Success
Family Dropped Out	Parental Education	Television and Computer Use
Family Stressful Events		

Neighborhood		
After-school Programs	Immigrant % - Community	Neigh. Violence
Crime (Neighborhood)	Mentors	Neigh. Youth Behaviors
Daycare and Preschool	Neighborhood SES	Urbanicity (Rural/Urban/City)
Extra-Curricular Activities	Neighborhood Quality	School/Community Partnership
Foster Care or Public Care	Neigh. Resources	

Latino/a Students

Risk and Protective Factors (79)

Child		
Aggression		
	Gender	Race/Ethnicity
Attitude Towards School		Self Esteem
	IQ	
	Learning Disability	
		Social Skills
Delinquency		
Emotional/Behav. Disorders		
English Fluency - ESL		
Future Orientation		

School		
Academic Engagement		School Safety
Academic Expectations		School SES
Academic Self-Efficacy		
Discrimination in Schools	School Behaviors	
Attendance	School Belonging	Supportive School Environ.
		Teacher Relationships
Educational Support	School Minority Rates	High Challenging Classes
Ethnocultural Support	School Activities	Over age for Placement
Parental School Involvement	School Quality	Teacher Support

Peer		
Bullying (Victimization)	Peer Acceptance	
Peer Academic Performance	Peer Behaviors	Peer Support
Peer Academic Expectations		

Family		
	Family Structure (1 parent)	Parental Involvement
Acculturation	Family Support	Parental Monitoring
		Parental-Child Attachment
	Generational Status	Parent-Child Conflict
Assets/Income	Home Educational Resources	Parenting Style
	Homelessness	Perceived Safety
		Poverty or Economic Status
		Relationships and Dating
		Religiosity
Cultural Factors	Maternal Employment	
Employment - Student		Residential Father
English Fluency		Social Support
Ethnic Identity		
Family Cohesion	Parental Academic Expect.	Supportive Adults
		Sibling Relationship
Family Violence	Parental Efficacy	Sibling Academic Success (M)
	Parental Education	Television and Computer Use

Neighborhood		
After-school Programs	Immigrant % - Community	
Crime (Neighborhood)	Mentors	
Daycare and Preschool	Neighborhood SES	
Extra-Curricular Activities		School/Community Partnership
Foster Care or Public Care	Neigh. Resources	

Latino Male Students

Risk and Protective Factors (49)

Child		
Aggression		
	Gender	Race/Ethnicity
Attitude Towards School		Self Esteem
	IQ	
	Learning Disability	
Delinquency		
Emotional/Behav. Disorders		
English Fluency - ESL		
Future Orientation		

School		
Academic Engagement		
Academic Expectations		
Discrimination in Schools	School Behaviors	
		Supportive School Environ.
		Teacher Relationships
Educational Support	School Minority Rates	
Parental School Involvement	School Quality	Teacher Support

Peer		
Bullying (Victimization)	Peer Acceptance	
Peer Academic Performance	Peer Behaviors	Peer Support
Peer Academic Expectations		

Family		
		Parental Involvement
Acculturation	Family Support	
	Generational Status	
Assets/Income		Parenting Style
		Religiosity
Cultural Factors		
English Fluency		Social Support
Ethnic Identity		
	Parental Academic Expect.	Supportive Adults
		Sibling Academic Success
	Parental Education	

Neighborhood		
After-school Programs	Immigrant % - Community	
	Neighborhood SES	
Extra-Curricular Activities		
	Neigh. Resources	

Latino Students with a Disability Risk and Protective Factors (13)

Child		
Aggression		
	Gender	
	IQ	
	Learning Disability	
Emotional/Behav. Disorders		
English Fluency - ESL		
Future Orientation		

School		
Academic Engagement		
	School Behaviors	
Parental School Involvement		

Peer		

Family		
Cultural Factors		
	Parental Academic Expect.	Supportive Adults

Neighborhood		

Latino Male Students with a Disability

Risk and Protective Factors (9)

Child		
Aggression		
	Gender	
	IQ	
	Learning Disability	
Emotional/Behav. Disorders		
English Fluency - ESL		

[illegible]

Peer		

	Family	
Cultural Factors		
		Supportive Adults

Neighborhood		

School Risk and Protective Factors (29)

Academic Engagement	Grade Retention	School Safety
Academic Expectations	Homework	School SES
Academic Self-Efficacy	Music Instruction	School Size
Discrimination in Schools	School Behaviors	School Mobility
Attendance	School Belonging	Supportive School
Class Size	School District Size	Teacher Relationships
Educational Support	School Minority Rates	High Challenging Classes
Ethnocultural Support	School Activities	Over age for Placement
Parental Involvement	School Quality	Teacher Support
Family Type - School	School Relevance	

School Risk and Protective Factors (11)

Academic Engagement		School Safety
Academic Expectations	Homework	
Academic Self-Efficacy	Music Instruction	
	School Behaviors	School Mobility
		Teacher Relationships
Educational Support		
	School Relevance	

School Factors

Academic engagement was measured through eight items that looked at whether students found classes interesting, were absorbed in their schoolwork, and found school exciting. Participants responded on a scale of 1 *strongly agree* to 4 *strongly disagree*, for a range of 8 to 32. The scale showed good reliability (.76).

Academic expectations were measured by looking at how far students expected to go in school. Question responses ranged from 1 *less than high school graduation* to 7 *obtain PhD, MD, or other advanced degree*.

Academic self-efficacy used the Action Control Scale within ELS:2002, which looked at four items covering feelings about the ability of students to be successful in school. Participants responded on a scale of 1 *almost never* to 4 *almost always*, for a range of 4 to 16. The scale displayed strong reliability (.83).

School Factors

Educational support was measured through 10 items that looked at whether adults in the home supported school activities, helped with homework, encouraged school activities, discussed school courses, attended school-related activities, and discussed plans for the future. Participants answered on a scale of 1 *never* to 4 *often*, for a range of 10 to 40. The scale showed good reliability (.71).

Homework was measured by looking at the how often the student completed homework on a regular basis. Scores ranged from 1 *rarely* to 5 *all of the time*.

School mobility asked students about the number of times a student changed schools, excluding regularly scheduled transitions such as moving up to high school.

School Factors

School relevance was obtained by asking whether students thought if finishing high school would help them get the job they wanted. Students responded on a scale of 1 *strongly agree* to 4 *strongly disagree*.

School safety was measured using the school safety index, which looked at students' perceptions of school safety, gangs within the school, and fighting within the school. Responses on the three items were given on a scale of 1 *strongly agree* to 4 *strongly disagree*, for a range of 3 to 12. The scale showed adequate reliability (.67).

School misbehavior was measured through six items that looked at how often students got in trouble at school, such as when they were late, were absent, and or had discipline problems. Participants responded to these items on a scale of 1 *never* to 5 *10 or more times*, for a range of 6 to 30. The scale showed an acceptable level of reliability (.65).

School Factors

Teacher relationships were measured using the teacher–student relations scale, which examines students’ perceptions of whether teachers at the schools care about them and their academic success. Responses on the four items were given on a scale of 1 *strongly disagree* to 4 *strongly agree*, for a range of 4 to 16. The scale showed good reliability (.73).

State of Best Practice — All Students

All

	B	Sig
(Constant)	-0.560	0.000
SES	0.114	0.000
Gender	-0.104	0.000
Asian v White	0.020	0.204
Black v White	-0.366	0.000
Hispanic v White	-0.218	0.000
Multi	-0.075	0.001
AI/AN v White	-0.293	0.000
Academic Expectations	0.093	0.000
Academic Engagement	0.008	0.000
Academic Self-Efficacy	0.015	0.000
Educational Support	-0.002	0.007
Homework	0.319	0.000
Music Playing	0.067	0.000
Teacher relationships	-0.001	0.672
School Relevance	0.005	0.554
School Mobility	-0.029	0.000
School Safety	0.015	0.000
School Behaviors	0.041	0.000

R² Step 1 .203

R² Step 2 0.497

ΔR² 0.294

F (18,14717) = 807.10

p < .001

State of Best Practice — All Students

All

	B	Sig
(Constant)	-0.560	0.000
SES	0.114	0.000
Gender	-0.104	0.000
Asian v White	0.020	0.204
Black v White	-0.366	0.000
Hispanic v White	-0.218	0.000
Multi	-0.075	0.001
AI/AN v White	-0.293	0.000
Academic Expectations	0.093	0.000
Academic Engagement	0.008	0.000
Academic Self-Efficacy	0.015	0.000
Educational Support	-0.002	0.007
Homework	0.319	0.000
Music Playing	0.067	0.000
Teacher relationships	-0.001	0.672
School Relevance	0.005	0.554
School Mobility	-0.029	0.000
School Safety	0.015	0.000
School Behaviors	0.041	0.000

R² Step 1 .203

R² Step 2 0.497

ΔR² 0.294

F (18,14717) = 807.10

p < .001

State of Best Practice — All Students

All

	B	Sig
(Constant)	-0.560	0.000
SES	0.114	0.000
Gender	-0.104	0.000
Asian v White		
Black v White	-0.366	0.000
Hispanic v White	-0.218	0.000
Multi	-0.075	0.001
AI/AN v White	-0.293	0.000
Academic Expectations	0.093	0.000
Academic Engagement	0.008	0.000
Academic Self-Efficacy	0.015	0.000
Educational Support	-0.002	0.007
Homework	0.319	0.000
Music Playing	0.067	0.000
Teacher relationships		
School Relevance		
School Mobility	-0.029	0.000
School Safety	0.015	0.000
School Behaviors	0.041	0.000

R² Step 1 .203

R² Step 2 0.497

ΔR² 0.294

F (18,14717) = 807.10

p < .001

State of Best Practice — Latino Students

All

Latino

B Sig

B Sig

(Constant) -0.560 0.000

-0.515 0.007

SES 0.114 0.000

0.107 0.000

Gender -0.104 0.000

-0.178 0.000

Asian v White

Black v White -0.366 0.000

Hispanic v White -0.218 0.000

Multi -0.075 0.001

AI/AN v White -0.293 0.000

Academic Expectations 0.093 0.000

0.080 0.000

Academic Engagement 0.008 0.000

0.009 0.043

Academic Self-Efficacy 0.015 0.000

0.003 0.513

Educational Support -0.002 0.007

0.001 0.712

Homework 0.319 0.000

0.317 0.000

Music Playing 0.067 0.000

0.052 0.094

Teacher relationships

-0.006 0.418

School Relevance

0.024 0.330

School Mobility -0.029 0.000

-0.029 0.001

School Safety 0.015 0.000

0.022 0.002

School Behaviors 0.041 0.000

0.034 0.000

R² Step 1 .203

R² Step 1 .102

R² Step 2 0.497

R² Step 2 .393

ΔR² 0.294

ΔR² 0.291

F (18,14717) = 807.10

F(13,2166) = 108.05

p < .001

p < .001

State of Best Practice — Latino Students

	All		Latino	
	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007
SES	0.114	0.000	0.107	0.000
Gender	-0.104	0.000	-0.178	0.000
Asian v White				
Black v White	-0.366	0.000		
Hispanic v White	-0.218	0.000		
Multi	-0.075	0.001		
AI/AN v White	-0.293	0.000		
Academic Expectations	0.093	0.000	0.080	0.000
Academic Engagement	0.008	0.000	0.009	0.043
Academic Self-Efficacy	0.015	0.000	0.003	0.513
Educational Support	-0.002	0.007	0.001	0.712
Homework	0.319	0.000	0.317	0.000
Music Playing	0.067	0.000	0.052	0.094
Teacher relationships			-0.006	0.418
School Relevance			0.024	0.330
School Mobility	-0.029	0.000	-0.029	0.001
School Safety	0.015	0.000	0.022	0.002
School Behaviors	0.041	0.000	0.034	0.000
	R ² Step 1	.203	R ² Step 1	.102
	R ² Step 2	0.497	R ² Step 2	.393
	ΔR^2	0.294	ΔR^2	0.291
	F (18,14717) = 807.10		F(13,2166) = 108.05	
	p < .001		p < .001	

State of Best Practice — Latino Students

	All		Latino	
	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007
SES	0.114	0.000	0.107	0.000
Gender	-0.104	0.000	-0.178	0.000
Asian v White				
Black v White	-0.366	0.000		
Hispanic v White	-0.218	0.000		
Multi	-0.075	0.001		
AI/AN v White	-0.293	0.000		
Academic Expectations	0.093	0.000	0.080	0.000
Academic Engagement	0.008	0.000	0.009	0.043
Academic Self-Efficacy	0.015	0.000	0.003	0.513
Educational Support	-0.002	0.007	0.001	0.712
Homework	0.319	0.000	0.317	0.000
Music Playing	0.067	0.000	0.052	0.094
Teacher relationships			-0.006	0.418
School Relevance			0.024	0.330
School Mobility	-0.029	0.000	-0.029	0.001
School Safety	0.015	0.000	0.022	0.002
School Behaviors	0.041	0.000	0.034	0.000
	R ² Step 1	.203	R ² Step 1	.102
	R ² Step 2	0.497	R ² Step 2	.393
	ΔR^2	0.294	ΔR^2	0.291
	F (18,14717) = 807.10		F(13,2166) = 108.05	
	p < .001		p < .001	

State of Best Practice — Latino Students

All

Latino

B Sig

B Sig

(Constant) -0.560 0.000

-0.515 0.007

SES 0.114 0.000

0.107 0.000

Gender -0.104 0.000

-0.178 0.000

Asian v White

Black v White -0.366 0.000

Hispanic v White -0.218 0.000

Multi -0.075 0.001

AI/AN v White -0.293 0.000

Academic Expectations 0.093 0.000

0.080 0.000

Academic Engagement 0.008 0.000

0.009 0.043

Academic Self-Efficacy 0.015 0.000

Educational Support -0.002 0.007

Homework 0.319 0.000

0.317 0.000

Music Playing 0.067 0.000

Teacher relationships

School Relevance

School Mobility -0.029 0.000

-0.029 0.001

School Safety 0.015 0.000

0.022 0.002

School Behaviors 0.041 0.000

0.034 0.000

R² Step 1 .203

R² Step 1 .102

R² Step 2 0.497

R² Step 2 .393

ΔR² 0.294

ΔR² 0.291

F (18,14717) = 807.10

F(13,2166) = 108.05

p < .001

p < .001

State of Best Practice — Male Students

	All		Latino		Male	
	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000
SES	0.114	0.000	0.107	0.000	0.114	0.000
Gender	-0.104	0.000	-0.178	0.000		
Asian v White					-0.008	0.737
Black v White	-0.366	0.000			-0.345	0.000
Hispanic v White	-0.218	0.000			-0.255	0.000
Multi	-0.075	0.001			-0.065	0.042
AI/AN v White	-0.293	0.000			-0.326	0.000
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000
Academic Engagement	0.008	0.000	0.009	0.043	0.002	0.343
Academic Self-Efficacy	0.015	0.000			0.018	0.000
Educational Support	-0.002	0.007			-0.004	0.011
Homework	0.319	0.000	0.317	0.000	0.315	0.000
Music Playing	0.067	0.000			0.080	0.000
Teacher relationships					0.001	0.717
School Relevance					0.009	0.435
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000
School Safety	0.015	0.000	0.022	0.002	0.016	0.000
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49	
	p < .001		p < .001		p < .001	

State of Best Practice — Male Students

	All		Latino		Male	
	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000
SES	0.114	0.000	0.107	0.000	0.114	0.000
Gender	-0.104	0.000	-0.178	0.000		
Asian v White					-0.008	0.737
Black v White	-0.366	0.000			-0.345	0.000
Hispanic v White	-0.218	0.000			-0.255	0.000
Multi	-0.075	0.001			-0.065	0.042
AI/AN v White	-0.293	0.000			-0.326	0.000
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000
Academic Engagement	0.008	0.000	0.009	0.043	0.002	0.343
Academic Self-Efficacy	0.015	0.000			0.018	0.000
Educational Support	-0.002	0.007			-0.004	0.011
Homework	0.319	0.000	0.317	0.000	0.315	0.000
Music Playing	0.067	0.000			0.080	0.000
Teacher relationships					0.001	0.717
School Relevance					0.009	0.435
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000
School Safety	0.015	0.000	0.022	0.002	0.016	0.000
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49	
	p < .001		p < .001		p < .001	

State of Best Practice — Male Students

	All		Latino		Male	
	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000
SES	0.114	0.000	0.107	0.000	0.114	0.000
Gender	-0.104	0.000	-0.178	0.000		
Asian v White					-0.008	0.737
Black v White	-0.366	0.000			-0.345	0.000
Hispanic v White	-0.218	0.000			-0.255	0.000
Multi	-0.075	0.001			-0.065	0.042
AI/AN v White	-0.293	0.000			-0.326	0.000
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000
Academic Engagement	0.008	0.000	0.009	0.043	0.002	0.343
Academic Self-Efficacy	0.015	0.000			0.018	0.000
Educational Support	-0.002	0.007			-0.004	0.011
Homework	0.319	0.000	0.317	0.000	0.315	0.000
Music Playing	0.067	0.000			0.080	0.000
Teacher relationships					0.001	0.717
School Relevance					0.009	0.435
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000
School Safety	0.015	0.000	0.022	0.002	0.016	0.000
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49	
	p < .001		p < .001		p < .001	

State of Best Practice — Male Students

	All		Latino		Male	
	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000
SES	0.114	0.000	0.107	0.000	0.114	0.000
Gender	-0.104	0.000	-0.178	0.000		
Asian v White						
Black v White	-0.366	0.000			-0.345	0.000
Hispanic v White	-0.218	0.000			-0.255	0.000
Multi	-0.075	0.001			-0.065	0.042
AI/AN v White	-0.293	0.000			-0.326	0.000
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000
Academic Engagement	0.008	0.000	0.009	0.043		
Academic Self-Efficacy	0.015	0.000			0.018	0.000
Educational Support	-0.002	0.007			-0.004	0.011
Homework	0.319	0.000	0.317	0.000	0.315	0.000
Music Playing	0.067	0.000			0.080	0.000
Teacher relationships						
School Relevance						
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000
School Safety	0.015	0.000	0.022	0.002	0.016	0.000
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484
	ΔR^2	0.294	ΔR^2	0.291	ΔR^2	0.304
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49	
	p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students

	All		Latino		Male		Latino Male	
	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000
Gender	-0.104	0.000	-0.178	0.000				
Asian v White								
Black v White	-0.366	0.000			-0.345	0.000		
Hispanic v White	-0.218	0.000			-0.255	0.000		
Multi	-0.075	0.001			-0.065	0.042		
AI/AN v White	-0.293	0.000			-0.326	0.000		
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000
Academic Engagement	0.008	0.000	0.009	0.043			0.002	0.793
Academic Self-Efficacy	0.015	0.000			0.018	0.000	0.000	0.957
Educational Support	-0.002	0.007			-0.004	0.011	-0.001	0.750
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000
Music Playing	0.067	0.000			0.080	0.000	0.089	0.061
Teacher relationships							0.009	0.398
School Relevance							0.016	0.632
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000	-0.022	0.085
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285	
	p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students

	All		Latino		Male		Latino Male	
	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000
Gender	-0.104	0.000	-0.178	0.000				
Asian v White								
Black v White	-0.366	0.000			-0.345	0.000		
Hispanic v White	-0.218	0.000			-0.255	0.000		
Multi	-0.075	0.001			-0.065	0.042		
AI/AN v White	-0.293	0.000			-0.326	0.000		
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000
Academic Engagement	0.008	0.000	0.009	0.043			0.002	0.793
Academic Self-Efficacy	0.015	0.000			0.018	0.000	0.000	0.957
Educational Support	-0.002	0.007			-0.004	0.011	-0.001	0.750
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000
Music Playing	0.067	0.000			0.080	0.000	0.089	0.061
Teacher relationships							0.009	0.398
School Relevance							0.016	0.632
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000	-0.022	0.085
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285	
	p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students

	All		Latino		Male		Latino Male	
	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000
Gender	-0.104	0.000	-0.178	0.000				
Asian v White								
Black v White	-0.366	0.000			-0.345	0.000		
Hispanic v White	-0.218	0.000			-0.255	0.000		
Multi	-0.075	0.001			-0.065	0.042		
AI/AN v White	-0.293	0.000			-0.326	0.000		
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000
Academic Engagement	0.008	0.000	0.009	0.043			0.002	0.793
Academic Self-Efficacy	0.015	0.000			0.018	0.000	0.000	0.957
Educational Support	-0.002	0.007			-0.004	0.011	-0.001	0.750
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000
Music Playing	0.067	0.000			0.080	0.000	0.089	0.061
Teacher relationships							0.009	0.398
School Relevance							0.016	0.632
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000	-0.022	0.085
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285	
	p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students

	All		Latino		Male		Latino Male	
	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000
Gender	-0.104	0.000	-0.178	0.000				
Asian v White								
Black v White	-0.366	0.000			-0.345	0.000		
Hispanic v White	-0.218	0.000			-0.255	0.000		
Multi	-0.075	0.001			-0.065	0.042		
AI/AN v White	-0.293	0.000			-0.326	0.000		
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000
Academic Engagement	0.008	0.000	0.009	0.043				
Academic Self-Efficacy	0.015	0.000			0.018	0.000		
Educational Support	-0.002	0.007			-0.004	0.011		
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000
Music Playing	0.067	0.000			0.080	0.000		
Teacher relationships								
School Relevance								
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000		
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285	
	p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students w/ Disability

Latino Male with Disability

	All		Latino		Male		Latino Male		Disability	
	B	Sig	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042	2.011	.000
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000	.185	.004
Gender	-0.104	0.000	-0.178	0.000						
Asian v White										
Black v White	-0.366	0.000			-0.345	0.000				
Hispanic v White	-0.218	0.000			-0.255	0.000				
Multi	-0.075	0.001			-0.065	0.042				
AI/AN v White	-0.293	0.000			-0.326	0.000				
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000	.013	.597
Academic Engagement	0.008	0.000	0.009	0.043					.011	.378
Academic Self-Efficacy	0.015	0.000			0.018	0.000			-.006	.668
Educational Support	-0.002	0.007			-0.004	0.011			-.014	.034
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000	.337	.000
Music Playing	0.067	0.000			0.080	0.000			.176	.048
Teacher relationships									.030	.116
School Relevance									.046	.436
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000			.026	.286
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020	.036	.049
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000	.017	.253
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068	R ² Step 1	0.028
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353	R ² Step 2	0.365
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285	ΔR ²	0.337
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285		F (12,248) = 11.826	
	p < .001		p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students w/ Disability

	All		Latino		Male		Latino Male		Latino Male with Disability	
	B	Sig	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042	2.011	.000
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000	.185	.004
Gender	-0.104	0.000	-0.178	0.000						
Asian v White										
Black v White	-0.366	0.000			-0.345	0.000				
Hispanic v White	-0.218	0.000			-0.255	0.000				
Multi	-0.075	0.001			-0.065	0.042				
AI/AN v White	-0.293	0.000			-0.326	0.000				
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000	.013	.597
Academic Engagement	0.008	0.000	0.009	0.043					.011	.378
Academic Self-Efficacy	0.015	0.000			0.018	0.000			-.006	.668
Educational Support	-0.002	0.007			-0.004	0.011			-.014	.034
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000	.337	.000
Music Playing	0.067	0.000			0.080	0.000			.176	.048
Teacher relationships									.030	.116
School Relevance									.046	.436
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000			.026	.286
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020	.036	.049
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000	.017	.253
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068	R ² Step 1	0.028
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353	R ² Step 2	0.365
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285	ΔR ²	0.337
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285		F (12,248) = 11.826	
	p < .001		p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students w/ Disability

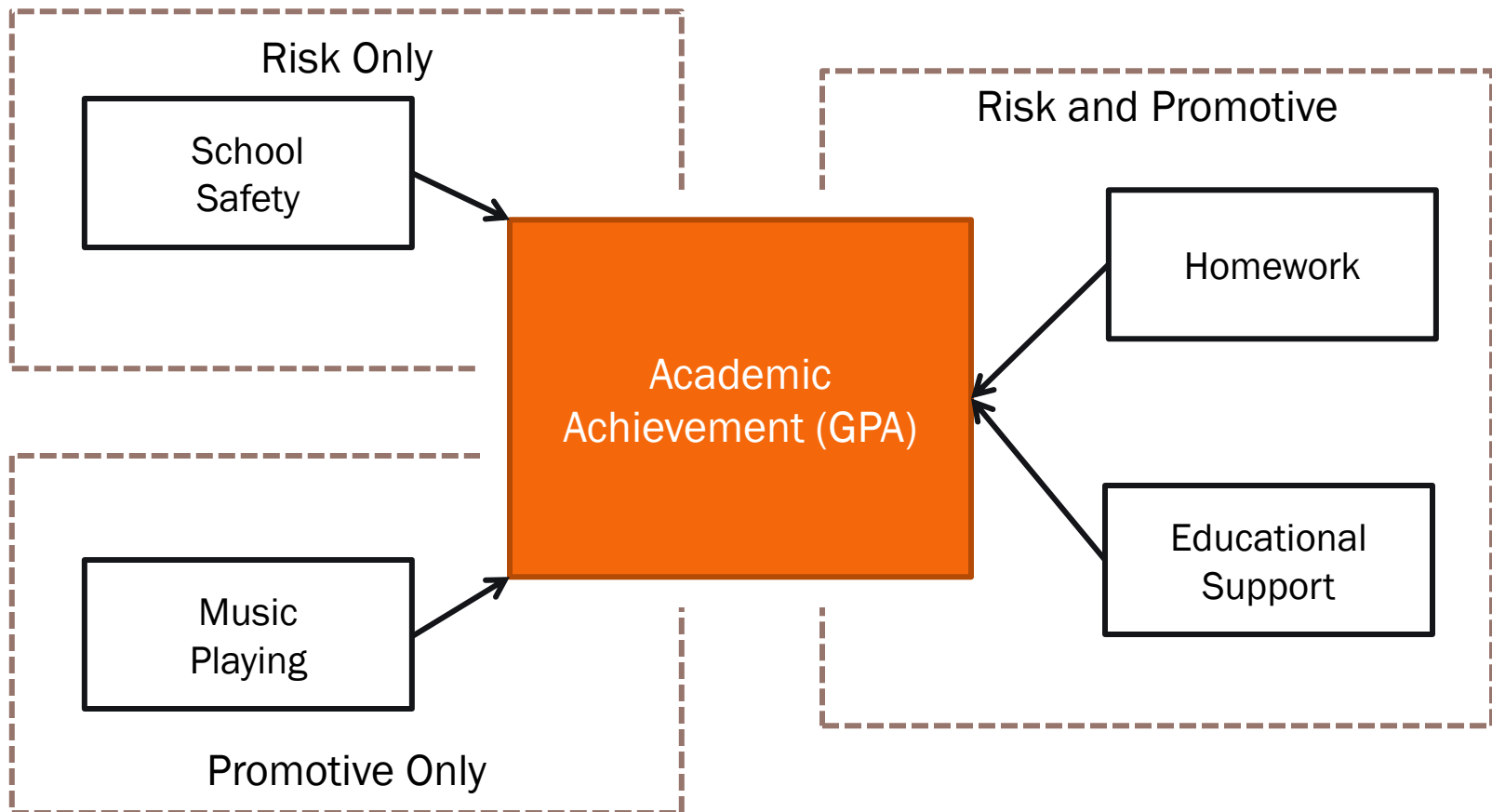
	All		Latino		Male		Latino Male		Latino Male with Disability	
	B	Sig	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042	2.011	.000
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000	.185	.004
Gender	-0.104	0.000	-0.178	0.000						
Asian v White										
Black v White	-0.366	0.000			-0.345	0.000				
Hispanic v White	-0.218	0.000			-0.255	0.000				
Multi	-0.075	0.001			-0.065	0.042				
AI/AN v White	-0.293	0.000			-0.326	0.000				
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000	.013	.597
Academic Engagement	0.008	0.000	0.009	0.043					.011	.378
Academic Self-Efficacy	0.015	0.000			0.018	0.000			-.006	.668
Educational Support	-0.002	0.007			-0.004	0.011			-.014	.034
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000	.337	.000
Music Playing	0.067	0.000			0.080	0.000			.176	.048
Teacher relationships									.030	.116
School Relevance									.046	.436
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000			.026	.286
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020	.036	.049
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000	.017	.253
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068	R ² Step 1	0.028
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353	R ² Step 2	0.365
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285	ΔR ²	0.337
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285		F (12,248) = 11.826	
	p < .001		p < .001		p < .001		p < .001		p < .001	

State of Best Practice — Latino Male Students w/ Disability

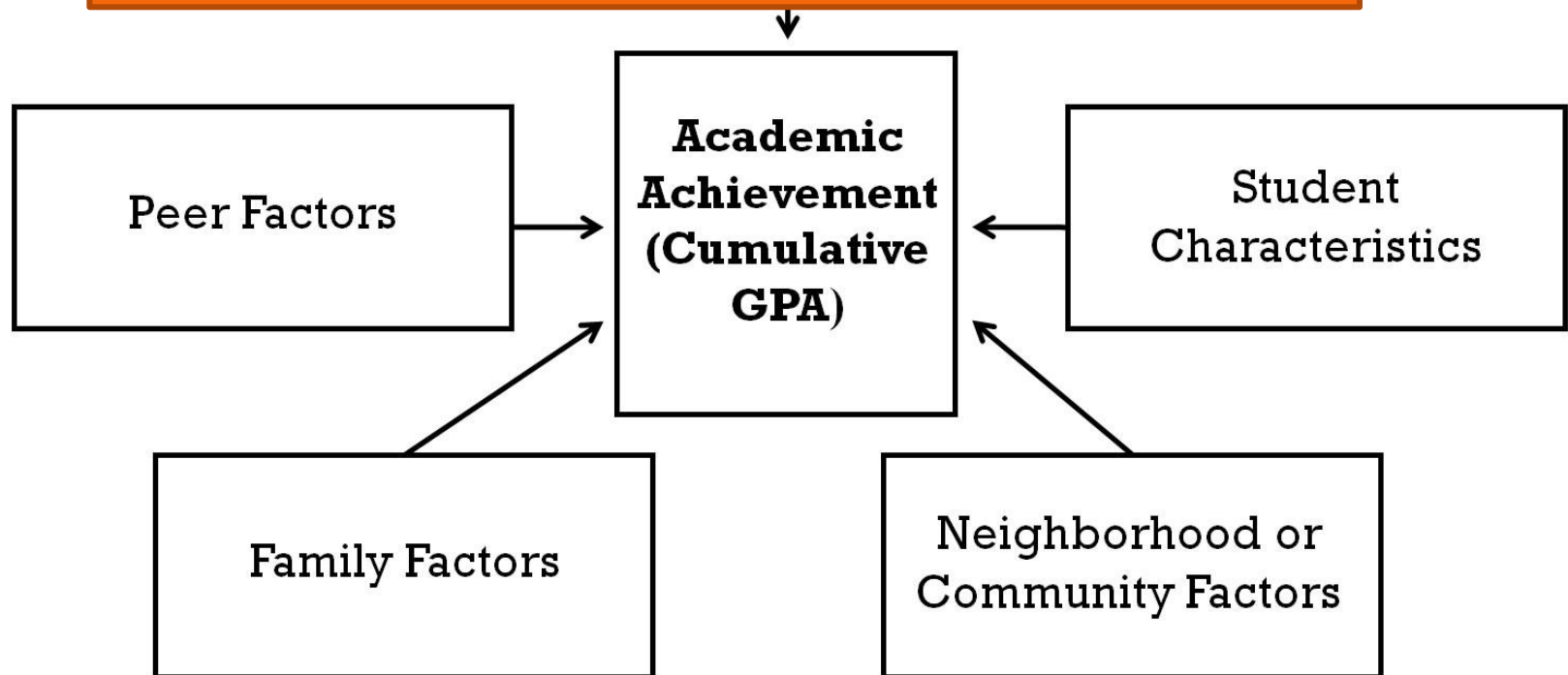
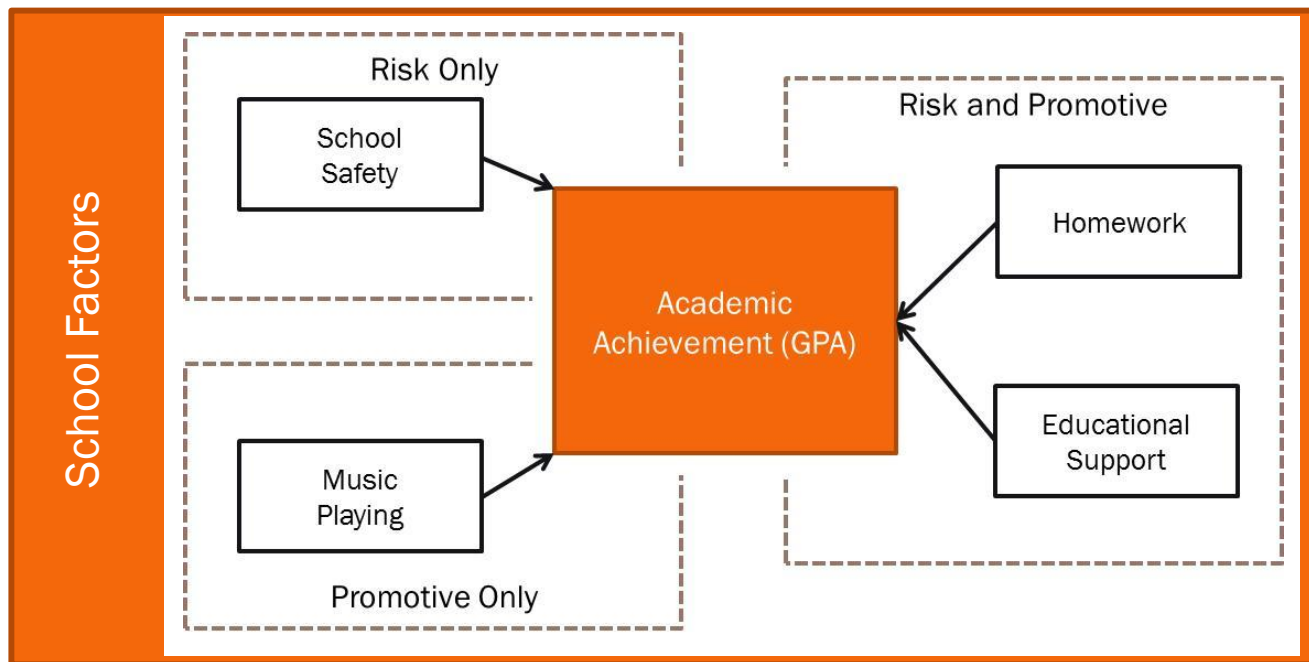
	All		Latino		Male		Latino Male		Latino Male with Disability	
	B	Sig	B	Sig	B	Sig	B	Sig	B	Sig
(Constant)	-0.560	0.000	-0.515	0.007	-0.621	0.000	-0.528	0.042	2.011	.000
SES	0.114	0.000	0.107	0.000	0.114	0.000	0.126	0.000	.185	.004
Gender	-0.104	0.000	-0.178	0.000						
Asian v White										
Black v White	-0.366	0.000			-0.345	0.000				
Hispanic v White	-0.218	0.000			-0.255	0.000				
Multi	-0.075	0.001			-0.065	0.042				
AI/AN v White	-0.293	0.000			-0.326	0.000				
Academic Expectations	0.093	0.000	0.080	0.000	0.097	0.000	0.084	0.000		
Academic Engagement	0.008	0.000	0.009	0.043						
Academic Self-Efficacy	0.015	0.000			0.018	0.000				
Educational Support	-0.002	0.007			-0.004	0.011			-.014	.034
Homework	0.319	0.000	0.317	0.000	0.315	0.000	0.301	0.000	.337	.000
Music Playing	0.067	0.000			0.080	0.000			.176	.048
Teacher relationships										
School Relevance										
School Mobility	-0.029	0.000	-0.029	0.001	-0.026	0.000				
School Safety	0.015	0.000	0.022	0.002	0.016	0.000	0.024	0.020	.036	.049
School Behaviors	0.041	0.000	0.034	0.000	0.042	0.000	0.032	0.000		
	R ² Step 1	.203	R ² Step 1	.102	R ² Step 1	0.18	R ² Step 1	0.068	R ² Step 1	0.028
	R ² Step 2	0.497	R ² Step 2	.393	R ² Step 2	0.484	R ² Step 2	0.353	R ² Step 2	0.365
	ΔR ²	0.294	ΔR ²	0.291	ΔR ²	0.304	ΔR ²	0.285	ΔR ²	0.337
	F (18,14717) = 807.10		F(13,2166) = 108.05		F (17,7330) = 404.49		F (12,1064) = 48.285		F (12,248) = 11.826	
	p < .001		p < .001		p < .001		p < .001		p < .001	

Final Framework

Latino Male with Disability Academic Achievement

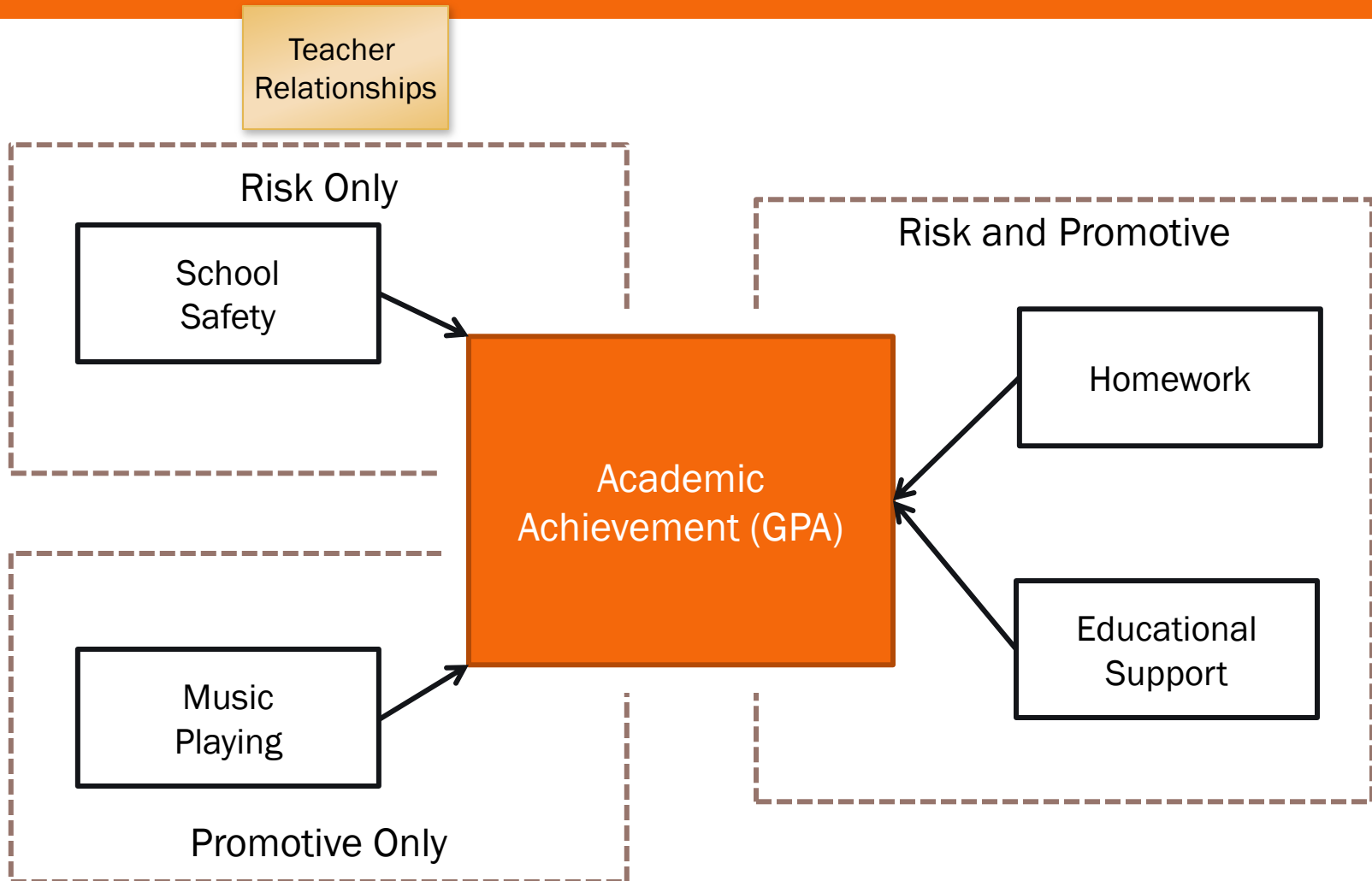


	Risk	Nuetral	Promotive	Overall	
School Safety					
GPA	1.74 (.73)	1.97 (.73)	2.09 (.71)	1.94 (.73)	F(2,258)=4.56, p=.011
Score	3.00-7.00	7.01-9.99	10.00-12.00	3.00-12.00	
Educational Support					
GPA	1.88 (.77)	1.91 (.70)	2.04 (.73)	1.94 (.73)	F(2,258)=4.56, p=.011
Score	10.00-17.97	17.98-25.99	26.00-39.00	10.00-39.00	
Homework					
GPA	1.48 (.64)	1.81 (.63)	2.46 (.60)	1.94 (.73)	F(2,258)=50.53, p > .001
Score	10.00-17.97	17.98-25.99	26.00-39.00	10.00-39.00	
Music Playing					
GPA		1.87 (.71)	2.15 (.75)	1.94 (.73)	t(259) = 2.679, p = .008
Score		0	1	0-1	



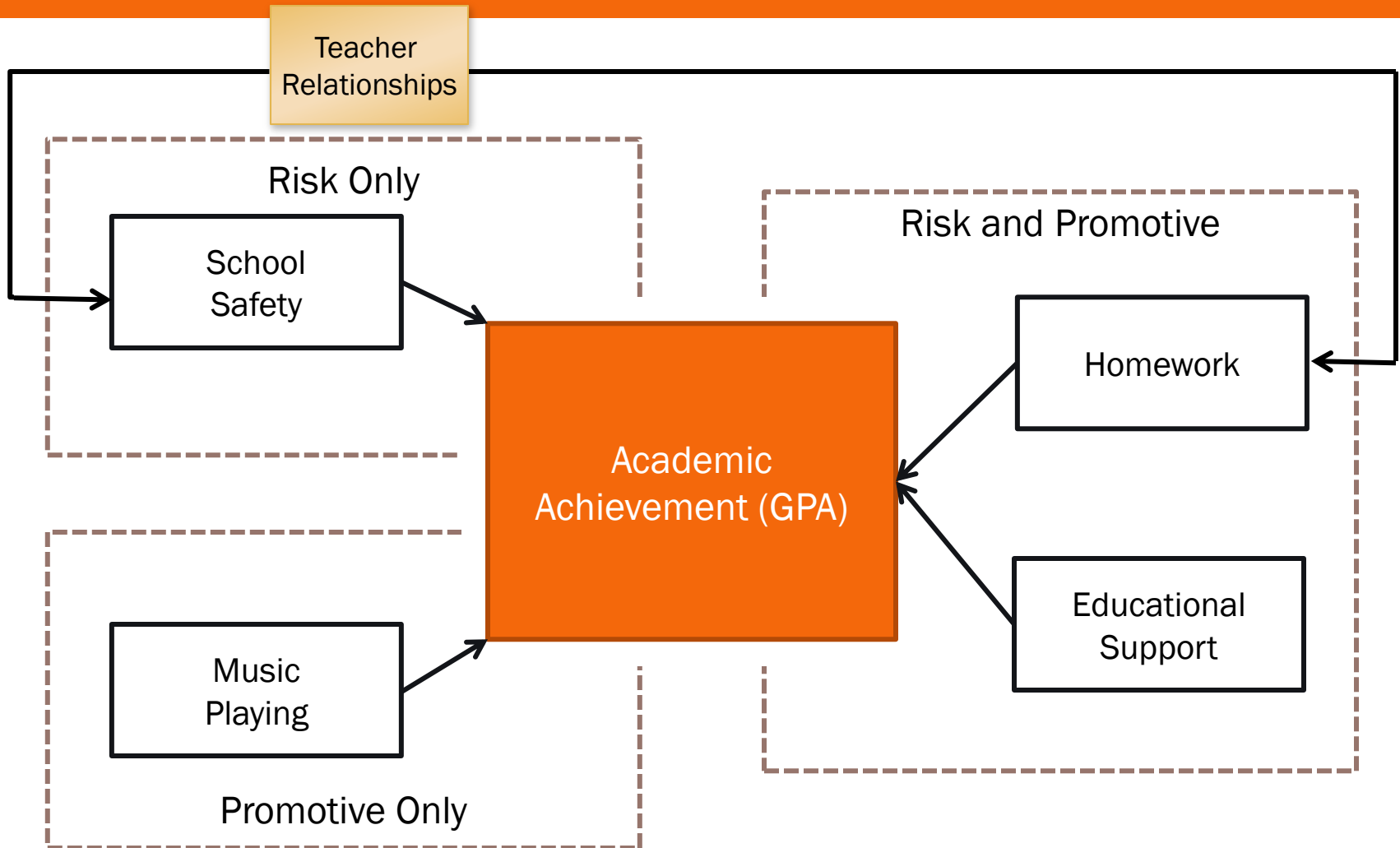
Final Framework

Latino Male with Disability Academic Achievement



Final Framework

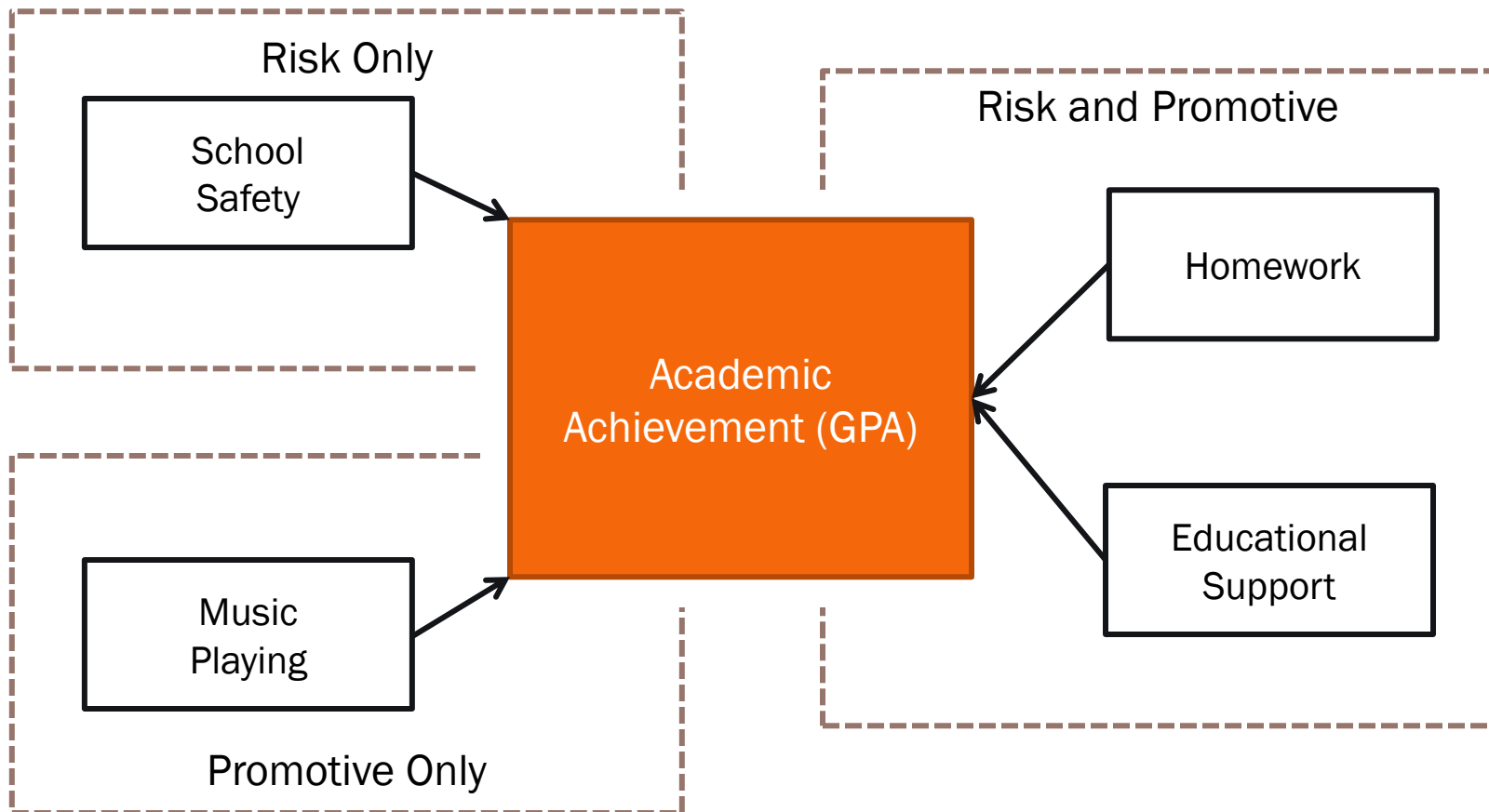
Latino Male with Disability Academic Achievement



Final Framework

School
Behaviors

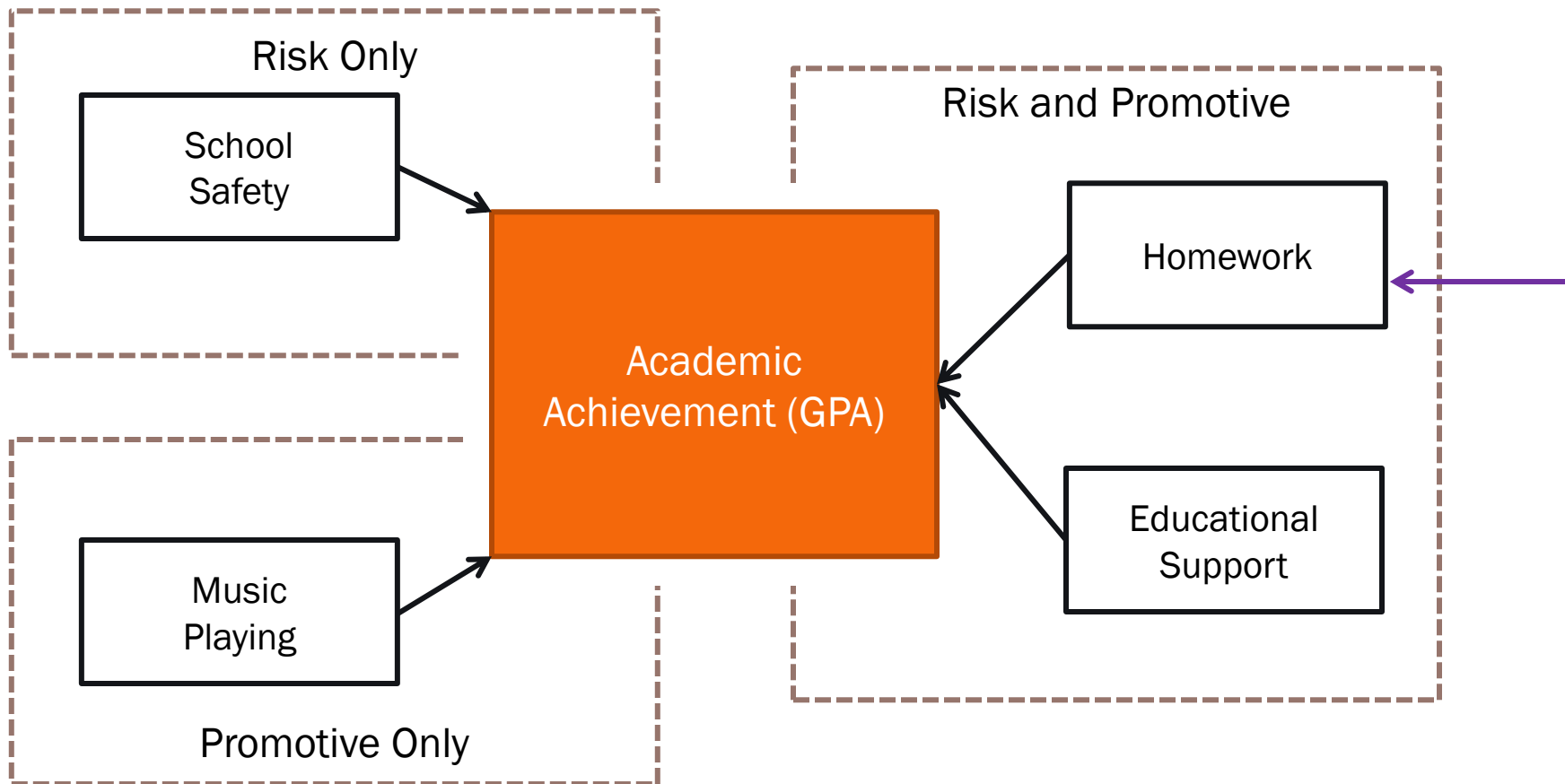
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Final Framework

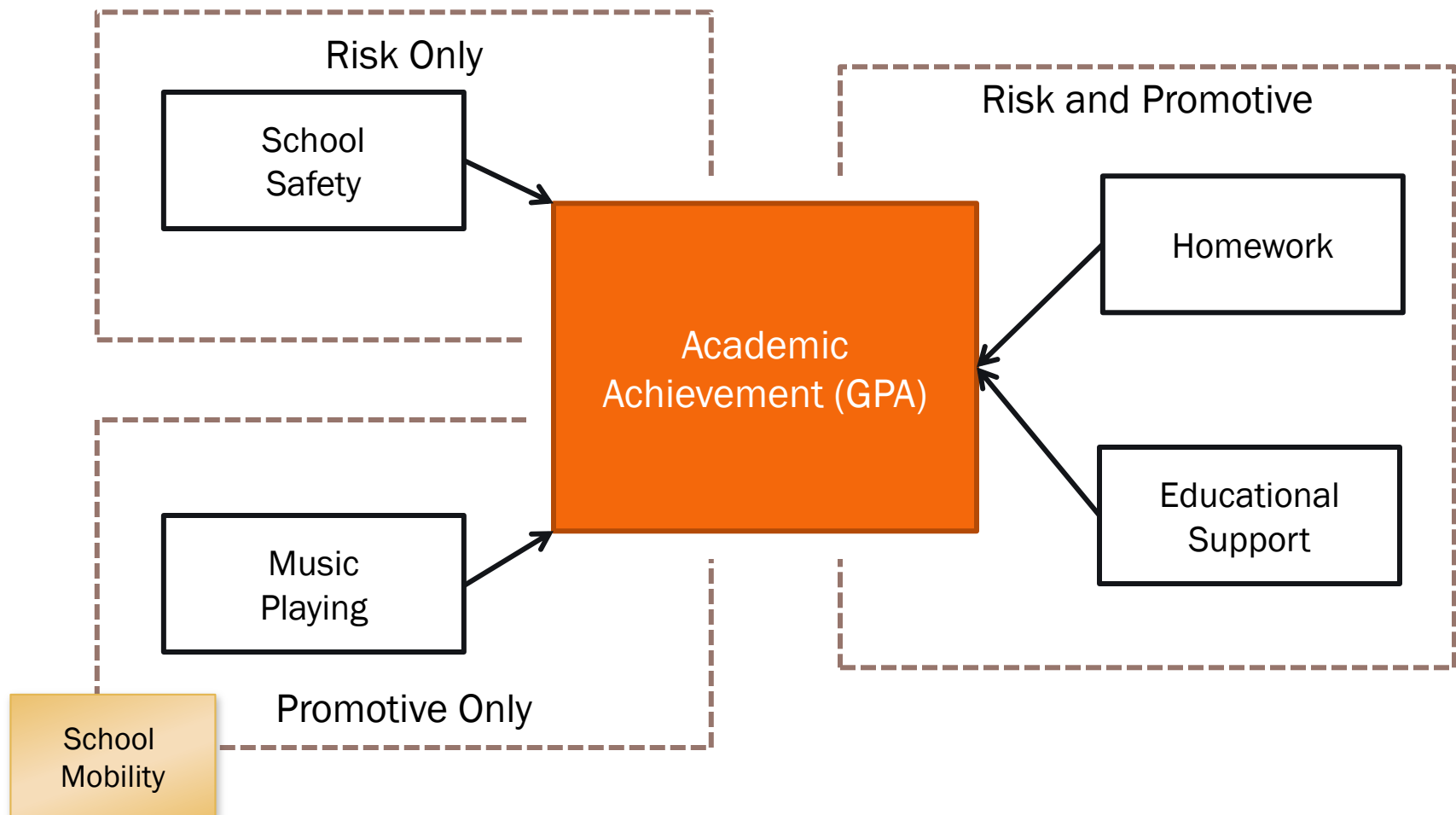
School
Behaviors

Latino Male with Disability Academic Achievement



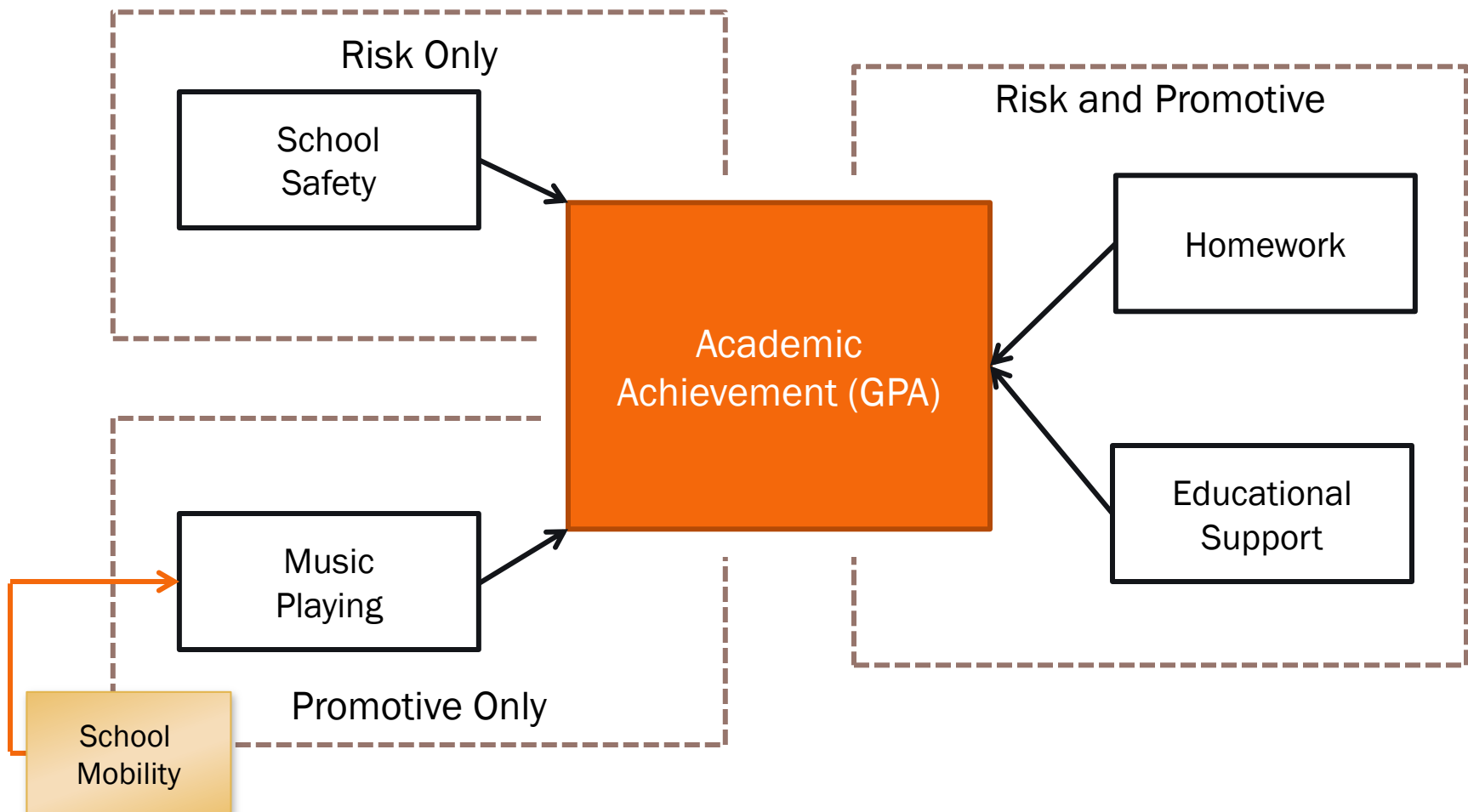
Final Framework

Latino Male with Disability Academic Achievement



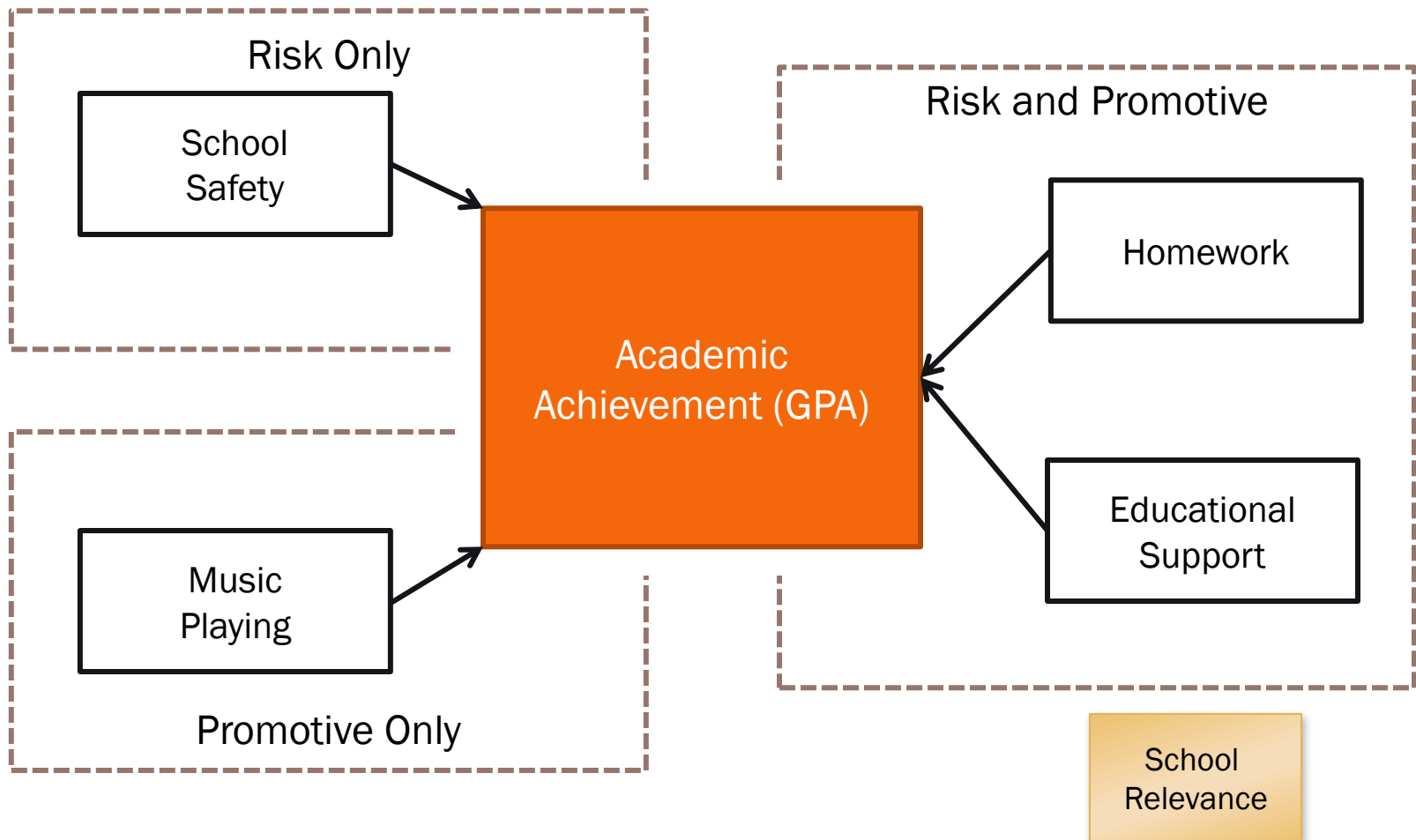
Final Framework

Latino Male with Disability Academic Achievement



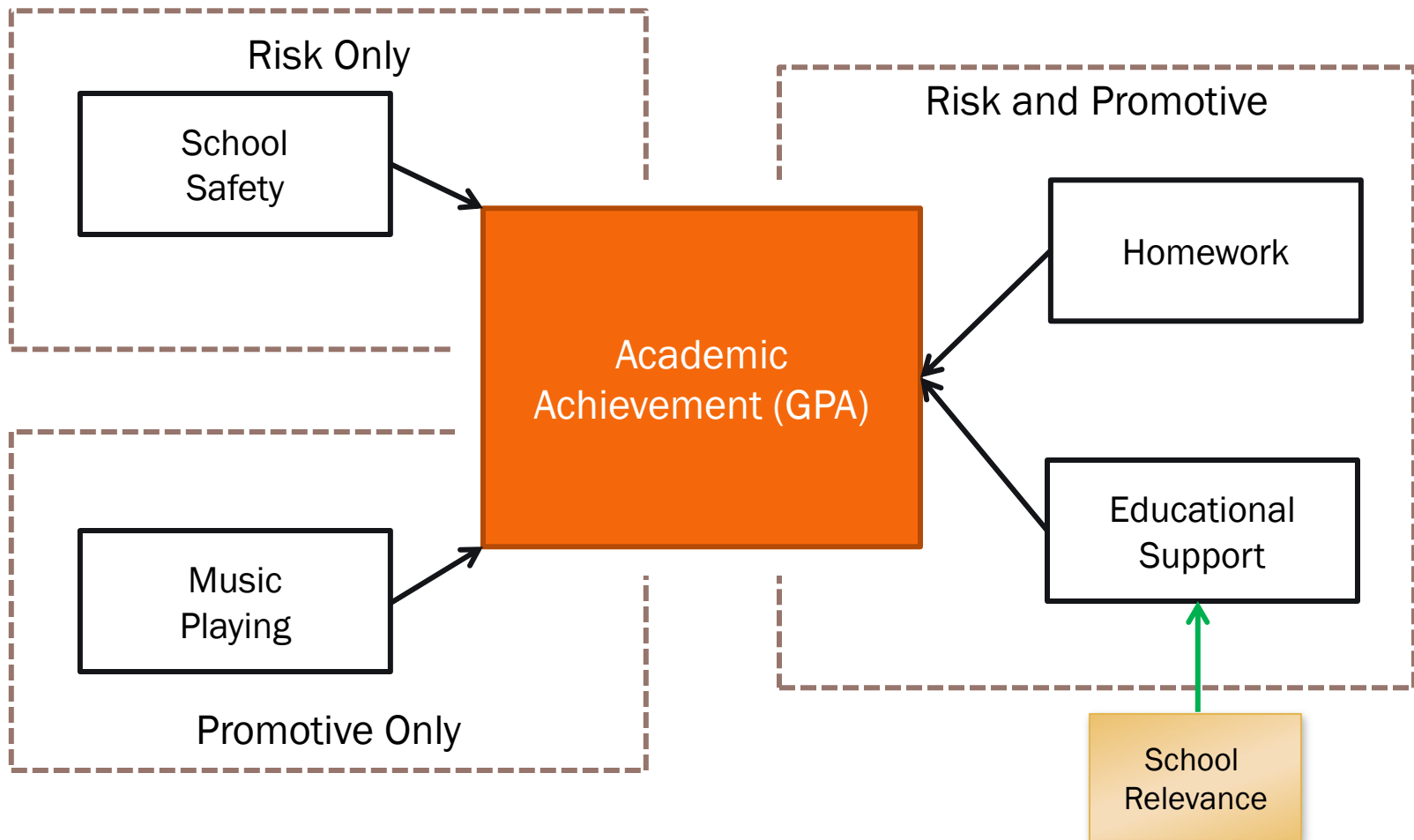
Final Framework

Latino Male with Disability Academic Achievement



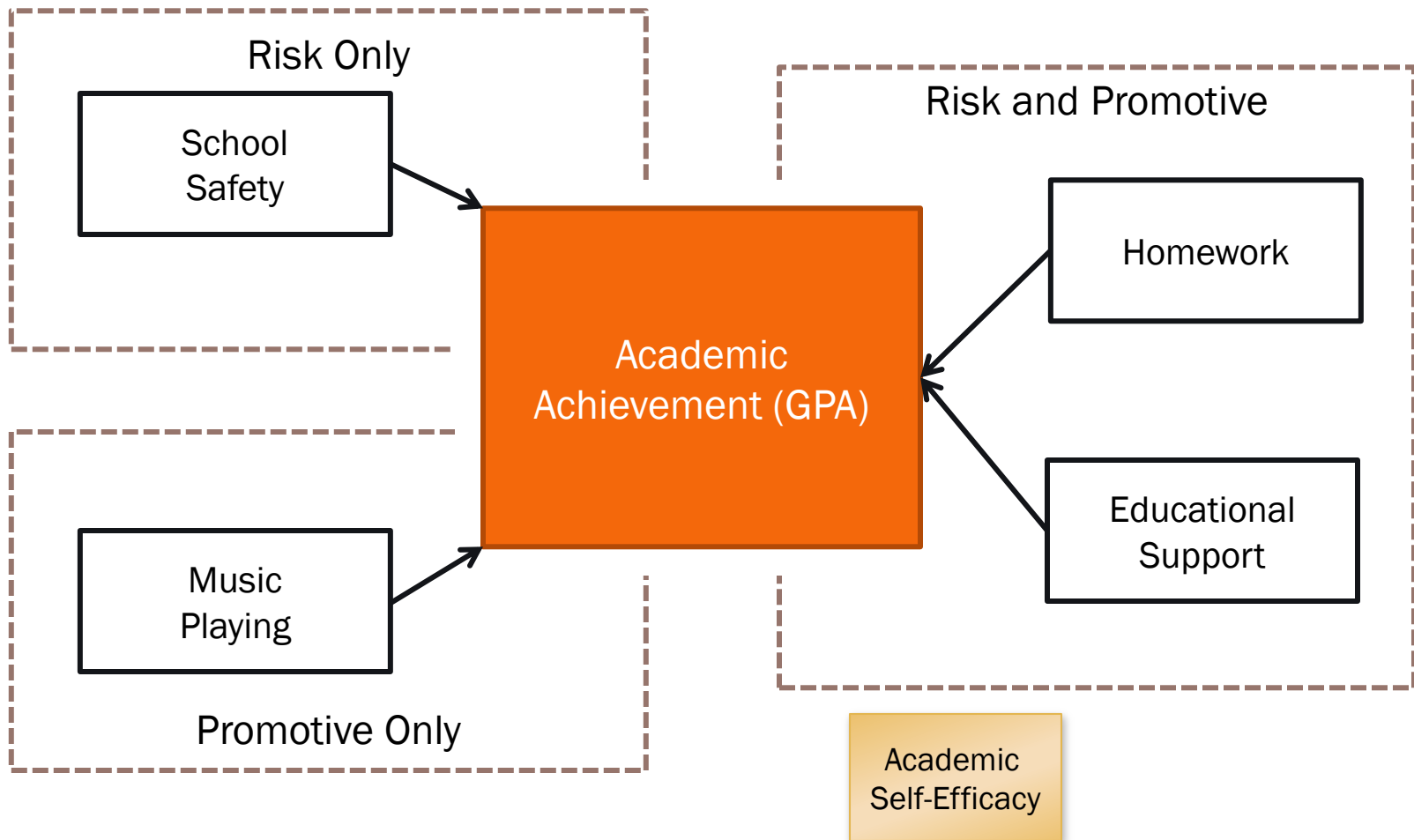
Final Framework

Latino Male with Disability Academic Achievement



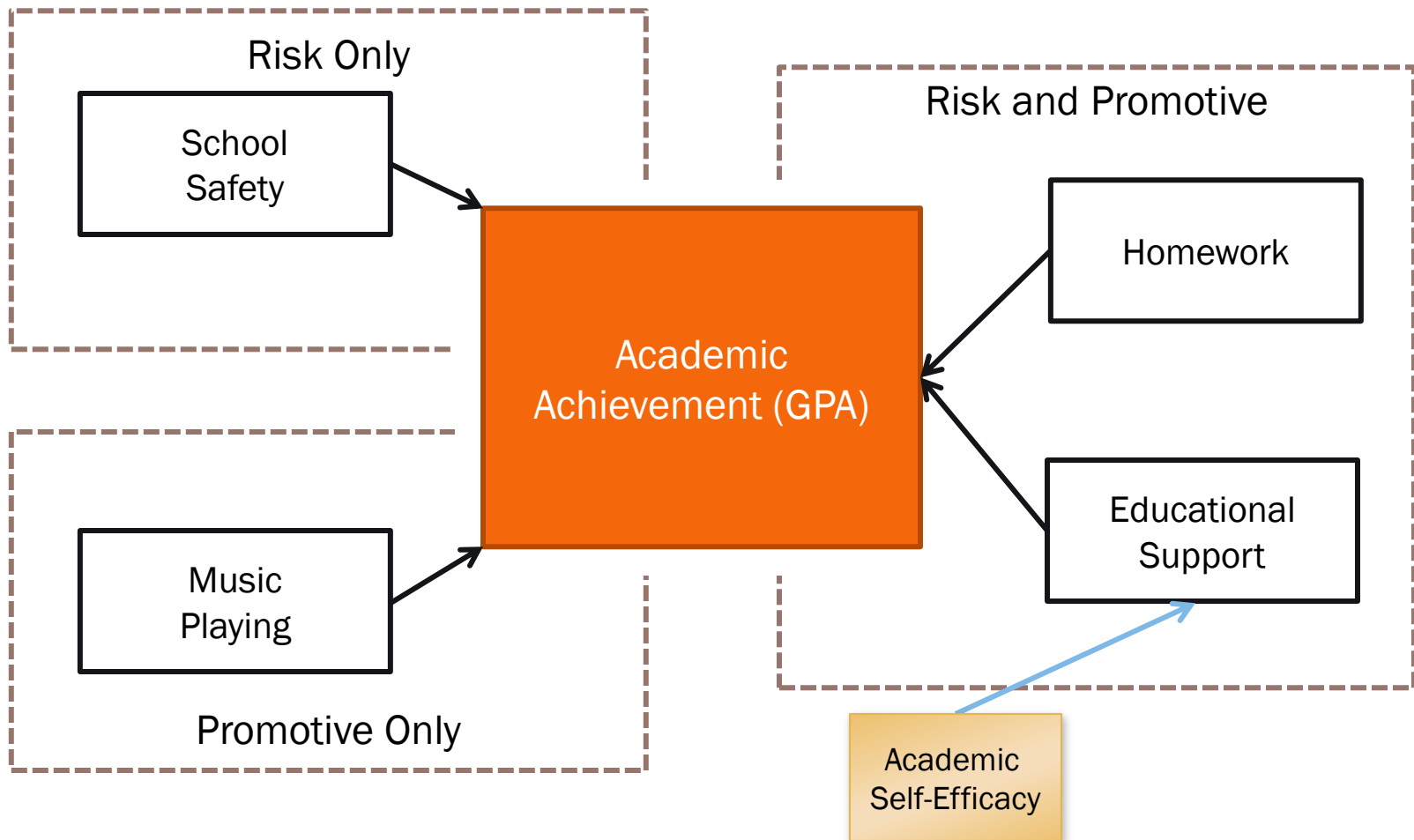
Final Framework

Latino Male with Disability Academic Achievement



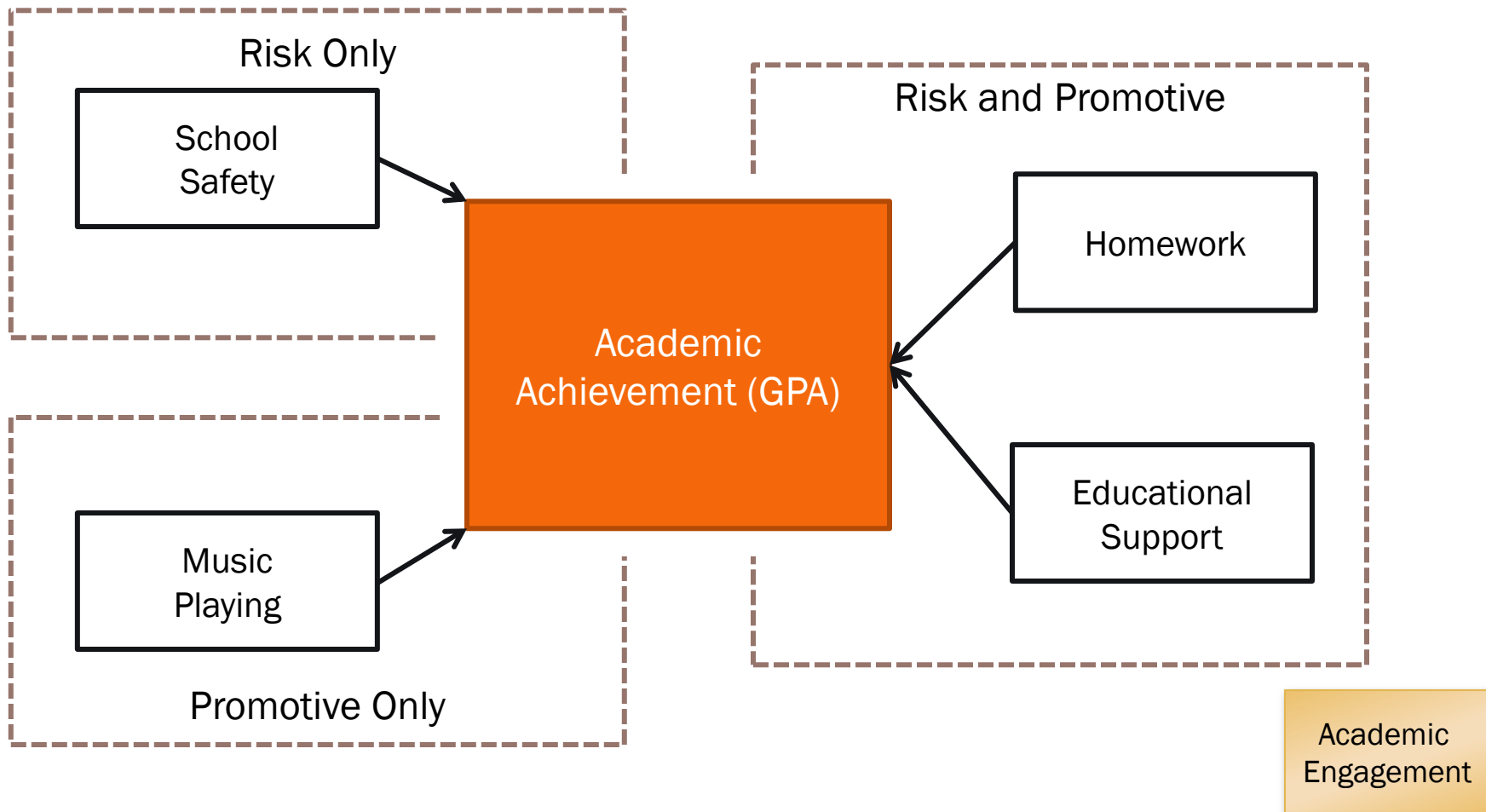
Final Framework

Latino Male with Disability Academic Achievement



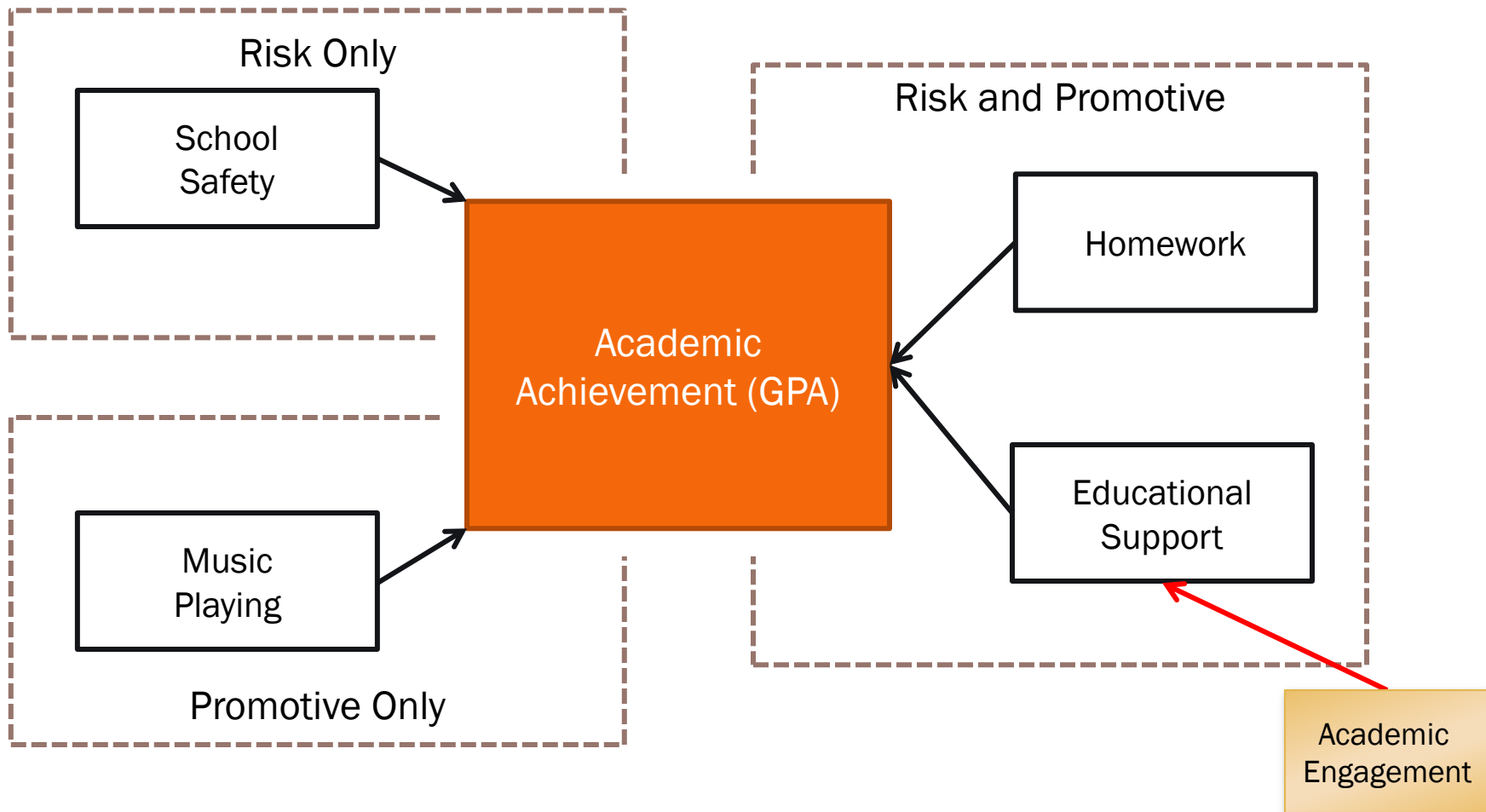
Final Framework

Latino Male with Disability Academic Achievement



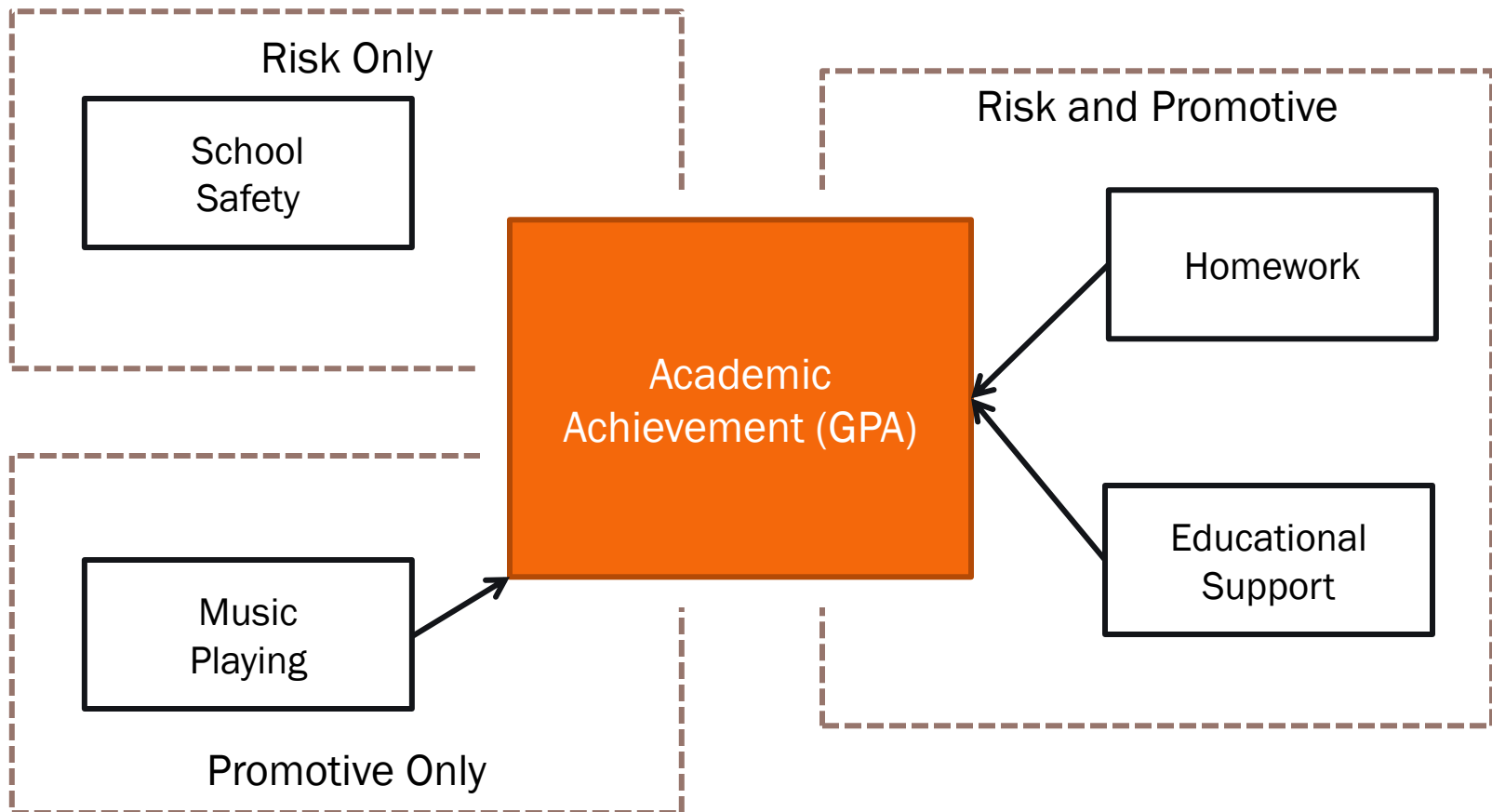
Final Framework

Latino Male with Disability Academic Achievement



Final Framework

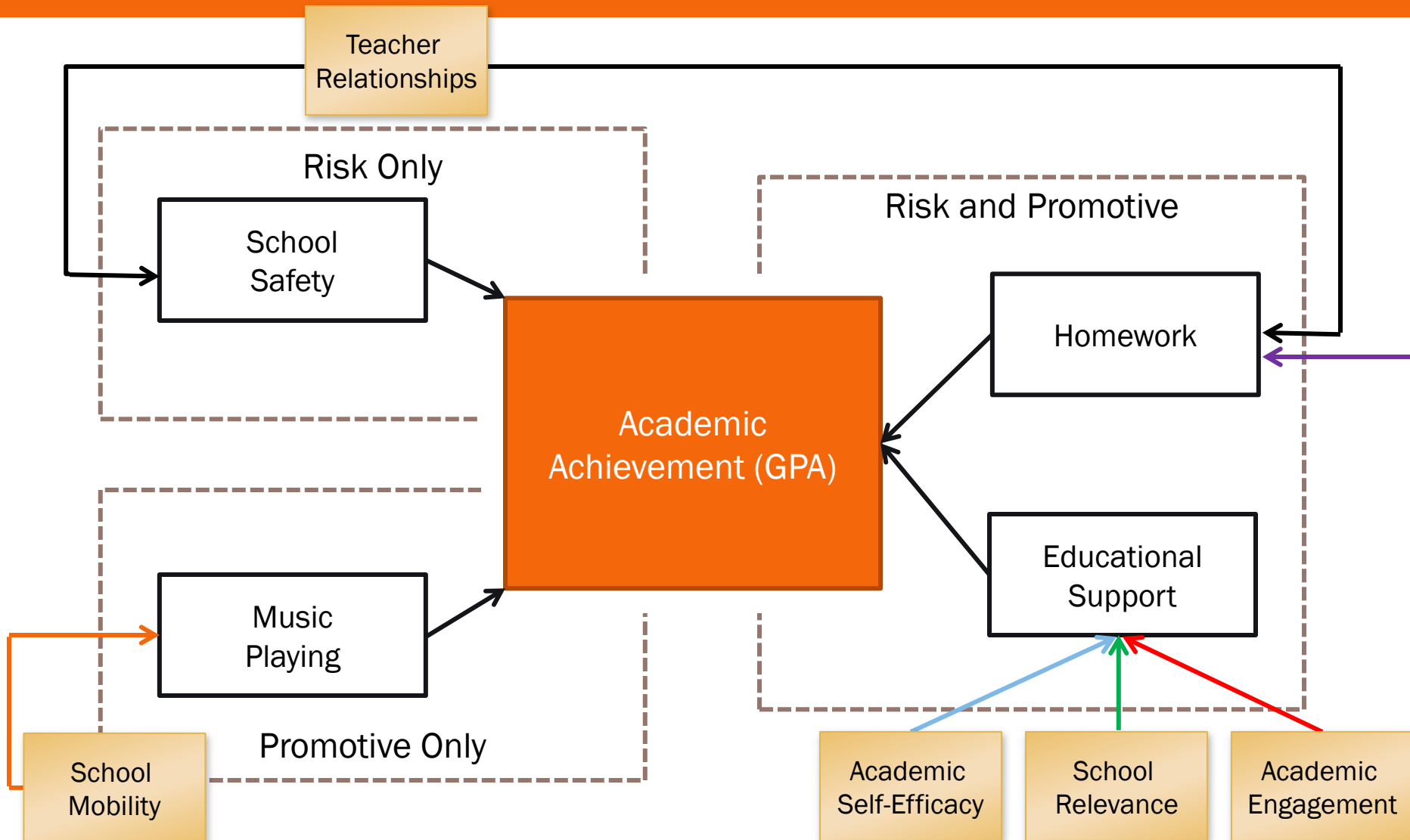
Latino Male with Disability Academic Achievement



Final Framework

School Behaviors

Latino Male with Disability Academic Achievement



State of Best Practice

- ✎ Development of knowledge of where to intervene
- ✎ Direct relationships of with educational outcomes
- ✎ Contextual Solutions
- ✎ Translation of Research to Specific Needs
- ✎ Specific Needs of Schools and Students
 - Universal Assessments
 - Targeted Interventions