

Impact Evaluation of *12 for Life*: Better Lives Through Education and Employment

U.S Department of Education Investing in Innovation Fund (i3) May 18, 2018

Submitted to:

Doug Wright, Ed.D., L.P.C. Project Director 12 for Life Carroll County Schools

Presented by:

Kathleen Dowell, Ph.D. Olivia Stevenson, M.S. The Evaluation Group www.evaluationgroup.com

12 for Life

Final Impact Evaluation Report

Lead Agency:	Carroll County Schools 390 Old Breman Road Carrollton, GA 30117
Project Director:	Doug Wright, Ed.D., LPC
Third-Party Evaluator:	Kathy Dowell, Ph.D. Olivia Stevenson, M.S. The Evaluation Group
Contact Information:	Doug Wright: 770-832-4225, <u>doug.wright@carrollcountyschools.com</u> Kathy Dowell: 404-556-5621, <u>kathy@evaluationgroup.com</u> Olivia Stevenson: 803-331-1679, <u>olivia@evaluationgroup.com</u>
Grant Period:	01/01/2014 – 12/31/2017, no-cost extension until 7/31/2018
Funder:	US Department of Education, Office of Innovation and Improvement (OII), Investing in Innovation (i3) Fund
PR Award #:	U411C130025
i3 Cohort Year:	2014
i3 ID:	DEV64

Funding for this report came from the U.S. Department of Education under its Investing in Innovation (i3) initiative within the Office of Innovation and Improvement through Grant U411C130025 to Carroll County Schools. The i3 grant award required an independent evaluation of the implementation and impacts of the program. The opinions and findings and conclusions in this report do not necessarily represent the official positions or policies of the funders. Correspondence regarding this document should be addressed to Kathy Dowell, The Evaluation Group, 169 Laurelhurst Ave., Columbia SC 29210. Phone: (404) 556-5621; email kathy@evaluationgroup.com. For information about The Evaluation Group, see our website: www.evaluationgroup.com. Copyright © 2018 by TEG®. All rights reserved.

Contents

1.	A	ABSTRACT	4
2.	II	INTRODUCTION	5
2	.1	1 Program Description	5
2	.2	2 Identification and Enrollment of High-Risk Students	8
3.		IMPACT STUDY DESIGN	9
3	.1	1 Samples	9
3	.2	2 Study Questions	10
3	.3	3 Data Elements	11
4.	A	ANALYSIS AND RESULTS	12
4	.1	1 Baseline Equivalence	12
	В	Baseline Analytic Model	12
	В	Baseline Analytic Model Specifics	12
4	.2	2 Confirmatory Analytic Model	13
4	.3	3 Analytic Model and Sample Specifics	14
4	.4	4 Results for Confirmatory Question #1: GPA	14
4	.5	5 Results for Confirmatory Question #2: Suspensions	15
4	.6	6 Results for Confirmatory Question #3: School Dropout	15
5.	C	DISCUSSION	16
REF	E	RENCES	17
Ар	pe	pendix A: 12 for Life Selection Rubric	

1. ABSTRACT

12 for Life is an Investing in Innovation (i3) development grant funded by the Office of Innovation and Improvement, U.S. Department of Education. *12 for Life* provides a rigorous STEM curriculum, combined with on-the-job-training, work/life skills development, mentoring, and employment opportunities to high school students who are at high risk of dropping out of school. The impact evaluation used a quasi-experimental design (QED) to examine the effect of *12 for Life* on grade point average (GPA), number of suspensions, and incidence of dropping out of school. *12 for Life* students who enrolled in the program during the 2014-15 school year were followed for three years. Outcomes for *12 for Life* students were compared to a matched sample of students with similar risk factors for dropping out of school under school and who participate in business-as-usual, traditional academic instruction in the high school environment. Comparison students were followed for three years. Results showed no statistically significant impact on grade point average (GPA) at the end of 12th grade, number of suspensions, or incidence of dropping out of school.

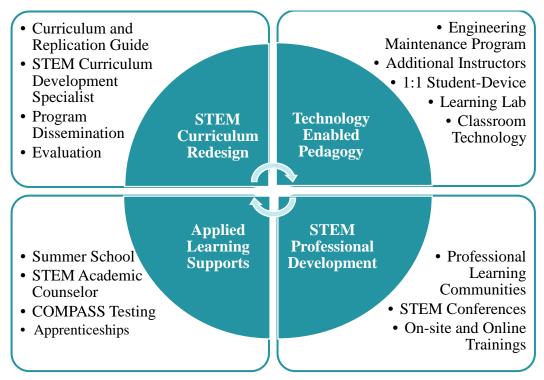
2. INTRODUCTION

Research indicates that the most effective STEM education models infuse classroom instruction, based on a rigorous curriculum, with frequent exposure to applied learning experiences through lab work, workplace activities, and supportive technology (Hanover, 2011). Further, continuous exposure to real-world STEM activities increases STEM engagement and learning (Bayer, 2010), and facilitates the development of real-world skills that are essential for success throughout work and life (Dynarski, et al., 2008). Students who participate in career-focused programs that relate schooling to careers achieve higher levels of educational attainment and better labor market outcomes (Bridgeland, Balfanz, Moore, & Friant, 2010). In 2014, Carroll County Schools (CCS) was awarded an Investing in Innovation (i3) grant for *12 for Life*, a program for students at high risk of dropping out of school that provides the type of STEM programming that has been shown to be effective in engaging students, improving STEM skills, and preparing students for STEM careers.

2.1 Program Description

CCS serves over 14,000 students in 24 schools in rural and suburban Georgia. Like many districts across the nation, CCS has a history of low graduation rates (67.5%), high dropout rates (4.8%), and a high percentage of students who are economically disadvantaged (61%). In 2004, seeing this high level of need, a local business, Southwire—a leading manufacturer of electrical wire and cable in the Southeast-developed the 12 for Life program in partnership with CCS as a novel approach to applied, work-based learning. Unlike traditional school settings, 12 for Life provides high school students with daily access to applied learning activities, aligned with a rigorous STEM curriculum, through state-of-the-art labs and workplace technology, supervised and supported by professionals working in STEM fields. After a three-year research, planning, and construction period, the 12 for Life facility, a modern, fully-equipped manufacturing plant and learning community, began serving students in 2007. The hallmark of the program is the opportunity for students to hold paid apprenticeships while continuing their education. This unique facility features both a STEMfocused secondary school program and a student-staffed Southwire satellite plant where students work part-time. 12 for Life's classes and apprenticeships feature low teacherstudent (1:10) and supervisor-student (1:12) ratios. The 12 for Life model is summarized in Figure 1.





Although work-based learning occurs in many settings across the country, the *12 for Life* model offers a novel approach with national significance for four reasons:

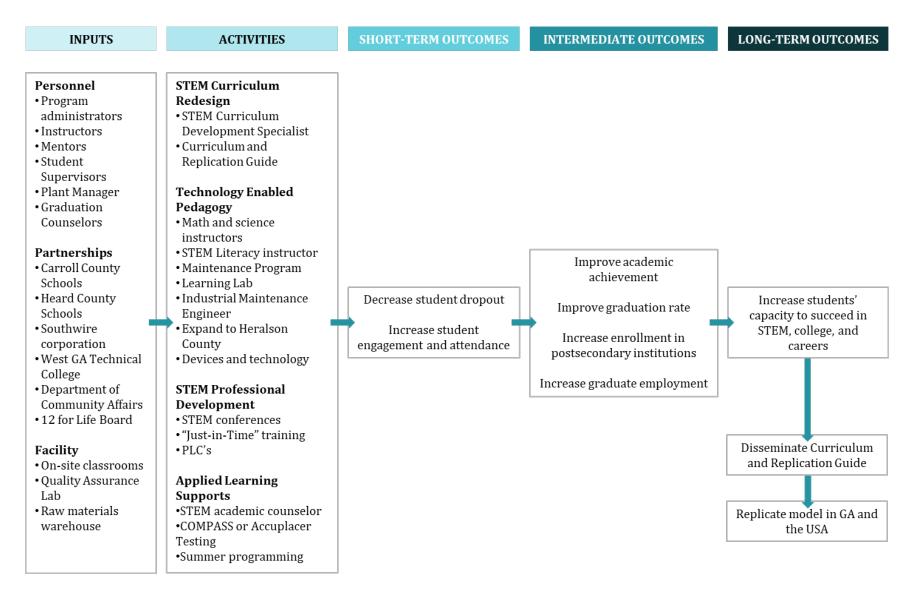
- *12 for Life* offers a high frequency of exposure to STEM coursework and career training through multiple classroom and work shift options, centralized at a single facility from 8 AM to 9:30 PM, five days per week, year-round;
- The curriculum and coursework are directly linked to hands-on duties within the manufacturing plant, enabling students to experience STEM applied learning in a real-world setting;
- The program provides support services, including tutoring, mentoring, and work supervision, using a strengths-based approach to address high-need students' academic and interpersonal barriers; and
- *12 for Life* targets students with the highest degree of risk for dropping out, who often face extraordinary personal challenges (parental abandonment, adolescent parenthood, behavior and/or learning difficulties).

To address the challenges of serving the highest-risk students, *12 for Life* implements specific program components that accommodate the exceptional needs and individual circumstances of the students; details of these components are presented in Table 1.

Table 1. Key Components of the 12 for Life i3 Program						
Component	Principles and Best Practices	Associated 12 for Life Activities				
	1. Measurement of student strengths using personal, academic, and behavioral data	 12 for Life enrollment rubric COMPASS/Accuplacer testing Program evaluation 				
	2. Personalized learning using a strengths- based approach	• All activities				
Strengths- Based Education (Lopez &	3. Access to individuals who affirm student strengths (supportive adults, peer networking)	 STEM Academic Counselor Shift supervisors, instructors, and staff Mentors/tutors Fellow participants 				
Louis, 2009; Lopez, 2011)	4. Opportunities to apply strengths within the classroom and real-world settings to foster new behaviors and improved outcomes	 In-classroom applied learning Apprenticeships Engineering Maintenance Program Extrusion Line Learning Lab 				
	5. Opportunities to seek new ways to learn and apply knowledge to further develop personal strengths	 Professional development Tablets and digital content Engineering Maintenance Program Extrusion Line Learning Lab 				
	1. STEM content and pedagogy that treats STEM learning as a life-long process	 STEM curriculum development Professional development PLCs and work-based trainings 				
STEM Applied	2. Delivery of STEM content in a "real world" context, focused on useable skills	 Apprenticeships Engineering Maintenance Program Extrusion Line Learning Lab 				
Learning (Roth & Van Eijck, 2010)	3. Focus on issues of access related to socioeconomic inequality	Targeting of high-need studentsPaid apprenticeshipsCommunity liaison				
	4. Inclusion of practitioners with experience in real-world applications in STEM learning research	 Program evaluation Industrial Maintenance Engineer Engineering Maintenance Program Plant manager & shift supervisors 				
	1. Combining technology and scientific inquiry	 Supportive technology Extrusion Line Learning Lab 				
Purposeful Design and Inquiry	2. Emphasis on the importance of problem- based learning, using engineering solutions	 Engineering Maintenance Program In-classroom applied learning Extrusion Line Learning Lab 				
(Sanders,	3. Access to experiences outside of the classroom	 Apprenticeships Engineering Maintenance Program				
2009)	4. Purposeful integration of two or more STEM or STEM-related subject areas	 Curriculum redesign In-classroom applied learning STEM Literacy Instructor 				

The 12 for Life logic model is shown in Figure 2.

Figure 2. 12 for Life Logic Model



2.2 Identification and Enrollment of High-Risk Students

Students who are at least 16 years old, have earned sufficient credits to enter the 10th grade, and pass a drug screen are eligible to apply for enrollment in *12 for Life*. Applicants who demonstrate the greatest level of need, based on a selection rubric (see Appendix A) that assesses individual risk for dropout (based on attendance, behavior, financial need, age, and credits needed to graduate), are invited to enroll. Rubric scores range from 4 to 20; students who score 15-20 are accepted into the program. Under extenuating circumstances, such as exceptional need (i.e., financial), a student obtaining a score of 10-14 may be considered for admission into the *12 for Life* program.

The program's rolling admissions structure allows for a fluid model which ensures that the students with the greatest need will have the flexibility to start or finish the program at any time during the year, depending on their own unique circumstances. All students served are economically disadvantaged and 50% are financially self-supported, with little or no assistance from guardians with the costs necessary for daily subsistence (food, shelter, etc.).

3. IMPACT STUDY DESIGN

The *12 for Life* i3 impact study used a quasi-experimental design (QED) to examine the effect of *12 for Life* on academic performance, behavior, and dropping out of school. Outcomes for *12 for Life* students were compared to a matched sample of comparison (business as usual) students who did not have access to the real-world, paid work apprenticeships that form the centerpiece of the *12 for Life* intervention. In addition, comparison group students did not have access to other supportive aspects of the program including low teacher-student and supervisor-student ratios; assistance with non-academic needs (e.g., housing, healthcare, childcare, basic needs); and access to an Academic Counselor who provided individualized assistance in selecting courses and career pathways that fit the needs and strengths of each student. Comparison group students received traditional academic instruction in the high school environment, as well as any traditional dropout prevention strategies instituted by the high schools they attended.

3.1 Samples

The Carrol County School district was chosen as a convenience sample because of its *12 for Life* program. The *12 for Life* facility was the only site involved in the implementation of the i3 intervention, and all new *12 for Life* students who enrolled in the program during the 2014-15 school year (N=251) were included in the treatment sample. All treatment students were from CCS.

Comparison students were selected from CCS and Haralson County School district. Selection of comparison group students during the 2014-15 school year matched the selection criteria for the *12 for Life* students, as stipulated in the selection rubric: attendance, behavior, financial need, age, and credits needed to graduate. A total of 356 students with rubric scores between 15-20, as well as some lower scores above 10 where necessary (i.e., to identify an adequate size pool of comparison students who met the same rubric criteria of the treatment students), were identified as comparison students. Propensity score matching (PSM) was conducted to select the 251 comparison group participants who most closely resembled the 251 treatment students.

The 251 *12 for Life* students who comprise the treatment group were tracked for three years (through the end of 12th grade). The length of enrollment varied for each *12 for Life* student based on their individual credit deficiencies at entry and credit earning pace as they participated in the program. Some students were only in the program for a few months, while others were in the program for up to three years. The 251 comparison students were tracked from Year 1 (10th grade) through Year 3 (12th grade). Comparison students had three years of a traditional, business-as-usual high school education.

3.2 Study Questions

Table 2 presents the research questions, hypotheses, and outcomes that are associated with the *12 for Life* impact study.

Table 2. Confirmatory Research Questions, Hypotheses, and Outcomes					
Confirmatory Research Question	Hypothesis	Outcome			
1. What is the impact of <i>12 for Life</i> on 12 th grade students' academic performance (i.e., GPA) for students three years after entering the <i>12 for Life</i> program in Fall 2014 compared to students in a traditional high school program without a work-based learning program who entered 10 th grade in Fall 2014?	Mean 12 for Life students' GPA ≠ Mean non-12 for Life students' GPA Ho: Xnon-12 for Life = X12 for Life H1: Xnon-12 for Life ≠ X12 for Life	GPA			
2. What is the impact of <i>12 for Life</i> on 12 th grade students' behavior (i.e., suspension) for students three years after entering the <i>12 for Life</i> program in Fall 2014 compared to students in a traditional high school program without a work-based learning program who entered 10 th grade in Fall 2014?	Mean 12 for Life students' suspension incidents ≠ Mean non-12 for Life students' suspension incidents Ho: X12 for Life = X non-12 for Life H1: X12 for Life ≠ X non-12 for Life	# incidents of school suspension			

Table 2. Confirmatory Research Questions, Hypotheses, and Outcomes

Confirmatory Research Question	Hypothesis	Outcome
3. What is the impact of <i>12 for Life</i> on 12 th grade students staying in school (i.e., dropout) for students three years after entering the <i>12 for Life</i> program in Fall 2014 compared to students in a traditional high school program without a work-based learning program who entered 10 th grade in Fall 2014?	Prevalence of dropout in 12 for Life ≠ prevalence of dropout among non-12 for Life students Ho: X12 for Life = X non-12 for Life H1: X12 for Life ≠ X non-12 for Life	Dropout incidence

3.3 Data Elements

Table 3 summarizes the outcome data elements that were collected to answer each confirmatory research question. Data was collected for three school years -2014-15 through 2016-17.

Table 3. 12 for Life Impact Study Outcome Measures							
Confirmatory Question	Туре	Source					
1	GPA at end of 12 th grade	Continuous					
2	Number of incidents of school suspension	Continuous	District				
3	School dropout	Binary 1=student dropped out 0=student did not drop out	Administrative Records				

Table 4 describes the covariates included in each of the confirmatory analyses.

Table 4. 12 for Life Impact Study Covariates						
Variable	Description	Туре	Source			
9 th grade GPA	GPA as of the end of the 9 th grade year	Continuous	District			
Gender	Identified the student's gender	Binary 0=male 1=female	Administrative Records			

Table 4. 12 for Life Impact Study Covariates						
Variable	Variable Description Type					
Minority Status	Identified whether a student was a minority	Binary 0=white 1=black, Hispanic, American Indian, multi-racial				
Single Parent	Identified whether the student came from a single parent household	Binary 0=no 1=yes				
Condition	Identified whether student was in the treatment or comparison group	Binary 0=comparison 1=treatment				

4. ANALYSIS AND RESULTS

4.1 Baseline Equivalence

Baseline Analytic Model

$$Y_i = \alpha + T_i \beta_1 + \varepsilon_i$$

Where:

 Y_i = the baseline measurement for student i α = intercept $T_i\beta_1$ = impact of the 12 for life condition (1 = treatment and 0 = comparison) ε_i = a random error term for student i

Baseline Analytic Model Specifics

Baseline equivalence of the treatment and comparison samples was tested on 9th grade GPA (spring of 2013-14 school year), gender, minority status, and whether the student lived in a single parent home. The outcome variable is each student's 9th grade GPA, gender, minority status, and single parent status. Ordinary least squares regression was used for 9th grade GPA and logistic regression was used for binary outcomes (gender, minority status, and single parent home).

Initial baseline testing indicated that the treatment group included significantly more minority students than the comparison group. Therefore, to establish baseline equivalency, 50 randomly selected minority students were removed from the treatment group before

running the final PSM model. This left a final sample of 201 treatment students. One treatment student had missing outcome data for research question 1, so the final sample for that comparison was 200. Using 1:1 nearest neighbor PSM on minority status, baseline GPA, gender, and single parent status, 200 comparison students were identified for research question 1, and 201 comparison students were identified for research questions 2 and 3. Baseline equivalence testing on this new sample based on 9th grade GPA, gender, race, and single parent household status revealed no significant differences between the treatment and comparison students on these variables. The characteristics of the samples at baseline are presented in Table 5. In all cases, the standardized mean difference between treatment and comparison on baseline measures was less than 0.25, but these variables were still included in the confirmatory analyses.

Table 5. Characteristics of Treatment and Comparison Samples at Baseline								
	12 for Life			Comparison			Effect	
Characteristic	Mean	N	Standard Deviation	Mean	N	Standard Deviation	Size	
9 th Grade GPA	2.39	201	0.71	2.36	201	0.71	0.05	
Gender	0.39	201	0.49	0.39	201	0.49	0.01	
Minority	0.39	201	0.49	0.33	201	0.47	0.12	
Single Parent Household	0.54	201	0.50	0.55	201	0.50	-0.01	

4.2 Confirmatory Analytic Model

$$\begin{split} Y_i = \alpha + PreGPA_i\beta_1 + Condition_i\beta_2 + Gender_i\beta_4 + MinorityStatus_i\beta_5 + SingleParent_i\beta_6 \\ &+ \epsilon_i \end{split}$$

Where:

Y_i = the outcome for student *i*

 α = intercept

 $PreGPA_i\beta_1$ = parameter estimate for the effect of the mean-centered student pretest (GPA) $Condition_i\beta_2$ = covariate adjusted mean student outcome for comparison students or the difference in the mean student outcome for treatment group students minus the mean student outcome for comparison group students (1 = treatment and 0 = comparison) $Gender_i\beta_4$ = effect of student gender (1 = female and 0 = male)

 $MinorityStatus_i\beta_5$ = effect of student minority status (1 = minority and 0 = not a minority) $SingleParent_i\beta_6$ = effect of whether a student comes from a single parent home (1 = single parent home and 0 = not single parent home)

 ε_i = a random error term for student *i*

4.3 Analytic Model and Sample Specifics

The GPA, suspension, and dropout outcomes of 12th grade students in the treatment group were compared to the same outcomes of 12th grade students in the comparison group, after the *12 for Life* program had been in CCS for three years, controlling for baseline characteristics. The treatment and comparison conditions were designated at the student level, and the analysis used outcomes at the student level. Students were followed from the beginning of 10th grade (SY 2014-15) through the end of 12th grade (SY 2016-17).

Students who moved to another district and were not able to be tracked were not included in the final analytic sample. Additionally, students who left the comparison group to enter the treatment group were not included. Lastly, students who had missing pre-intervention or outcome data were not included in the analysis sample. There was no imputation of outcome or pre-intervention data; instead, listwise deletion was used.

Gender, minority status, and single parent home status were included in the model to control for demographic differences. Additionally, GPA was mean centered before being entered in the model. The regression equations were used to analyze the effect of *12 for Life* on both continuous outcomes (ordinary least squares; students' GPA and suspensions) and binary outcomes (logistic; dropouts). Of note — the suspensions data was slightly positively skewed, indicated by a skewness statistic of 2.78. The skewness statistic should equal zero for a normal distribution.

4.4 Results for Confirmatory Question 1: GPA

Results indicated no statistically significant difference between the *12 for Life* students and the business-as-usual comparison students on GPA at the end of 12th grade. The only statistically significant finding in our model was that higher pre-intervention, mean-centered GPA predicted higher outcome GPA. Table 6 presents the regression model output.

Table 6. 12 for Life GPA Model						
VariableEstimateStandard Errort-valuep-						
Intercept	2.37	0.04	67.27	< 0.001		
Mean-centered 9 th grade GPA	0.77	0.03	29.67	< 0.001		
Condition	0.01	0.04	0.18	0.860		
Gender	0.06	0.04	1.55	0.122		

Table 6. 12 for Life GPA Model						
Variable	Estimate	Standard Error	<i>t</i> -value	<i>p</i> -value		
Minority status	0.01	0.04	0.13	0.898		
Single parent home	-0.02	0.04	-0.49	0.628		

4.5 Results for Confirmatory Question 2: Suspensions

Results indicated no statistically significant difference between the *12 for Life* students and the business-as-usual comparison students on number of suspensions. Two statistically significant findings in our model were: 1) males experienced more suspensions than females, and 2) higher pre-intervention, mean-centered GPA predicted lower suspension rates. Table 7 presents the regression model output.

Table 7. 12 for Life Suspension Model						
Variable	Estimate	Standard Error	<i>t</i> -value	<i>p</i> -value		
Intercept	3.51	0.62	5.66	< 0.001		
Mean-centered 9 th grade GPA	-2.33	0.45	-5.19	< 0.001		
Condition	0.30	0.62	0.49	0.627		
Gender	-1.56	0.65	-2.41	0.017		
Minority status	1.01	0.67	1.52	0.129		
Single parent home	0.19	0.64	0.29	0.769		

4.6 Results for Confirmatory Question 3: School Dropout

Results indicated no statistically significant difference between the *12 for Life* students and the business-as-usual comparison students on incidence of school dropout. The only statistically significant finding in our model was that higher pre-intervention, mean-centered GPA predicted lower incidents of dropping out of school. Table 8 presents the regression model output.

Table 8. 12 for Life School Dropout Model								
Variable	Estimate	Standard Error	<i>t</i> -value	<i>p</i> -value				
Intercept	-1.47	0.28	-5.31	< 0.001				
Mean-centered 9 th grade GPA	-1.62	0.23	-7.18	< 0.001				
Condition	-0.03	0.27	-0.12	0.905				
Gender	-0.05	0.28	-0.16	0.874				
Minority status	-0.23	0.29	-0.80	0.422				
Single parent home	0.02	0.27	0.05	0.957				

5. **DISCUSSION**

The *12 for Life* impact study did not find positive effects for GPA, number of school suspensions, or dropping out of school. These findings suggest that *12 for Life* does not improve school-related outcomes for high school students who are at high risk of dropping out of school.

One limitation of the current study is that length of exposure to the treatment was not included in the analytic models. The impact of *12 for Life* likely varies depending on how long students participate in the program, but these differences were not accounted for in the study. Future studies should include length of the intervention when evaluating *12 for Life* or similar programs.

REFERENCES

Bayer Corporation. (2010). *Planting the seeds for a diverse U.S. STEM pipeline: A Compendium of best practice K-12 STEM education programs*. Elkhart, Indiana: Bayer. Retrieved from <u>www.bayerus.com/MSMS/web_docs/Companion_Guide.pdf</u>

Bridgeland, J. M., Balfanz, R., Moore, L. A., & Friant, R. S. (2010). Raising their voices: Engaging students, teachers, and parents to help end the high school dropout epidemic. Retrieved from Civic Enterprises website: <u>www.civicenterprises.net/MediaLibrary/Docs/ raising their voices.pdf</u>

Dynarski, M., Clarke, L., Cobb, B., Finn, J., Rumberger, R., & Smink, J. (2008). Dropout prevention: A practice guide (NCEE 2008-4025). Retrieved from National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education Website: <u>http://ies.ed.gov/ncee/wwc/PracticeGuide.aspx?sid=9</u>

Hanover Research. (2011). K-12 STEM education overview. Retrieved from <u>www.hanoverresearch.com/wp-content/uploads/2011/12/K-12-STEM-Education-</u> <u>Overview-Membership.pdf</u>

Henderson, C., & Dancy, M. (2011). Increasing the impact and diffusion of STEM education innovations. Retrieved from <u>www.nae.edu/File.aspx?id=36304</u>

Lopez, S. (2011). Strengths-Based Education and Student Engagement. Gallup Inc.: Retrieved from www.google.com/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=3&ved= 0CEMQFjAC&url=http%3A%2F%2Fwww.gallupstudentpoll.com%2FFile%2F145544%2F &ei=SS4BUvmFJpPy8AS30oCADw&usg=AFQjCNHaVOpgct_MkiXwgSqxTIo4vmq4Gw&sig2 =dzBBBmk7tySmb0ac7NMXHQ

Lopez, S., & Louis, M. (2009). The principles of strengths-based education. *Journal of College* & *Character*, 10.4, 1-8. Retrieved from <u>www.ofyp.umn.edu/ofypmedia/focusfy/</u><u>strengths lopezlouis.pdf</u>

Roth, W., & Van Eijck, M. (2010). *Fullness of life as minimal nit: Science, technology, engineering, and mathematics (STEM) learning across the life span.* Retrieved from <u>http://onlinelibrary.wiley.com/doi/10.1002/sce.20401/abstract</u>

Sanders, M. (2009). STEM, STEM education, STEMmania. *Technology Teacher*, 68, 20-26. Retrieved from <u>http://esdstem.pbworks.com/f/TTT%2BSTEM%2BArticle 1.pdf</u>

Appendix A

12 for Life Selection Rubric

	POINTS				
CATEGORY	4	3	2	1	POINTS
Graduation Coach's Rating of Need	Priority	Serious Consideration	Standby	Ineligible	
Attendance	Student misses more than 12 days per semester and majority are unexcused	Student misses 8-12 days per semester and majority are unexcused	Student misses 8-12 days per semester but majority are excused	Student misses less than 8 days per semester	
Units of Credit	Credit deficient by 3.5 or more credits	Credit deficient by 1.5-3 credits	Credit deficient by 1 or fewer credits	Not credit deficient	
Financial Need	SEVERE FINANCIAL NEED 1. Student has one or more child dependents OR 2. Student is homeless OR 3. Student does not live with family and is completely self- supporting	MODERATE FINANCIAL NEED 1. Student is the only working member of the family OR 2. Student is on free lunch plan	BASIC FINANCIAL NEED 1. Student helps support family OR 2. Student is on reduced lunch plan	NO EVIDENT FINANCIAL NEED 1. Student has no real financial need at this time 2. Student pays for own lunch	
	4 Eligible		0 Ineligible		
Type of Discipline Referral	Student has no discipline referrals or has referrals that are non-violent and/or non-sexual		Student has a level 3 referral for sexual and/or violent behavior (automatic ineligibility) TOTAL POINTS		