

V(A). Planned Program (Summary)

Program # 12

1. Name of the Planned Program

Literacy

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
704	Nutrition and Hunger in the Population	20%			
802	Human Development and Family Well-Being	40%			
806	Youth Development	40%			
	Total	100%			

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	13.0	0.0	0.0	0.0
Actual	12.0	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
375000	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
420000	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Energy Express: The Energy Express model, developed in 1994, is research-based and has remained intact for the past 16 years. The program adheres to the principle of continuous improvement

and site reports, site visits, training evaluations and program evaluations are used to determine areas for improvement. The goals of the Energy Express program is: 1) to promote the school success of children living in low-income communities by providing summer learning experiences, and 2) to promote an ethic of service among college students and community members. Specific objectives include: 1) children participating in Energy Express will maintain or increase reading achievement as indicated by pre-post measures on a standardized test using a stratified random sample; 2) children participating in Energy Express will be provided 58% of their daily nutritional requirements as determined by the USDA approved menus and site monitoring visits, and 3) mentors and volunteer coordinators will increase in personal efficacy as measured by mentor and volunteer coordinator surveys developed by Energy Express. Energy Express's audience is children entering first through sixth grades with a priority to reach children who are eligible for free and reduced price school meals and Title I services. College students and community members serving as AmeriCorps Members are the secondary audience.

Family Storyteller is a train-the-trainer program consisting of six weekly two-and-one-half hour workshops. Participants receive a weekly take-home book and home activities to build on learned skills. Food is provided to participants at each workshop. Two follow-up books sent to participants along with suggested activities.

Reading Partners is a train-the-trainers program where trainees teach participants to read with their children.

Literacy Team: The WVU Extension Literacy Team was established in 1999 to promote children's literacy development. The team provides support to Energy Express, the nation's largest summer AmeriCorps program and the nation's only statewide summer learning program, focused on promoting the school success of children living in rural low-income communities. Team members have also guided and piloted the development of Family Storyteller and Reading Partners. It also provides important professional support. The youth literacy team allows members, normally

2. Brief description of the target audience

Low-income children entering first through sixth grades. Low-literacy and/or low-income parents and caregivers of preschool children. Parents and caregivers of all children 3 to 8.

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	2280	3000	4500	400
Actual	4590	44838	3142	20619

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year: 2010
 Plan: 0
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2010	Extension	Research	Total
Plan	0	1	
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of literacy training activities.

Year	Target	Actual
2010	160	80

Output #2

Output Measure

- Number of educational materials in literacy created or updated.
Not reporting on this Output for this Annual Report

Output #3

Output Measure

- Number of educational materials in literacy distributed.

Year	Target	Actual
2010	1500	21160

Output #4

Output Measure

- Number of new outside organizations or groups participating in literacy initiatives.

Year	Target	Actual
2010	250	160

Output #5

Output Measure

- Number of new grants and contracts supporting literacy initiatives.

Year	Target	Actual
2010	4	3

Output #6

Output Measure

- Number of observational visits to Energy Express sites
Not reporting on this Output for this Annual Report

Output #7

Output Measure

- Number of meals served.

Year	Target	Actual
2010	{No Data Entered}	133494

Output #8

Output Measure

- Number of volunteers participating in the program

Year	Target	Actual
2010	{No Data Entered}	3395

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of participants who increase their knowledge in literacy.
2	Number of participants who changed their attitudes or opinions related to literacy.
3	Number of participants who improved their skill level in literacy.
4	Number of participants who changed a habit or procedure related to literacy.

Outcome #1

1. Outcome Measures

Number of participants who increase their knowledge in literacy.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	800	566

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

For the Energy Express program to be successful, staff which includes site coordinators, volunteer coordinators, and mentors must be trained to deliver a consistent program in all 80 sites. They must not only be trained in the implementation of the site, but also in principles of literacy education.

What has been done

All Energy Express site supervisors and AmeriCorps members (mentors and volunteer coordinators) attend a three-day training in June at West Virginia Wesleyan College in Buckhannon, WV. Major program components are covered to reinforce any training that site coordinators do with their staff on site.

Results

Because of their involvement in Energy Express, mentors and volunteer coordinators (566 individuals) increased in knowledge of children's learning and personal efficacy, as measured by mentor and volunteer coordinator surveys developed by Energy Express.

4. Associated Knowledge Areas

KA Code	Knowledge Area
704	Nutrition and Hunger in the Population
802	Human Development and Family Well-Being
806	Youth Development

Outcome #2

1. Outcome Measures

Number of participants who changed their attitudes or opinions related to literacy.

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Number of participants who improved their skill level in literacy.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	3020	1767

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

Forty percent of WV 4th graders experience difficulty in reading, and among the remaining 60%, only 40 percent are above a functional reading level. Children's school success is diminished if they cannot read well by the end of the third grade. Poor readers at the end of fourth grade comprise high percentage of school dropouts, juvenile delinquents and prison inmates (WVDE, 1999). Low-income children typically lose 3-4 months of academic skills by the time they return to school in the fall.

What has been done

The Energy Express summer program is six-weeks in length, and is held in 83 sites throughout West Virginia. As part of the program, a stratified random sample of children who attend at least 15 days are tested using the Woodcock Johnson Test.

Results

Significant increases in letter-word identification, reading fluency, passage comprehension and broad reading. Sixty five percent of children maintained or increased and the average child gained 3 months in broad reading achievement.

4. Associated Knowledge Areas

KA Code	Knowledge Area
704	Nutrition and Hunger in the Population
802	Human Development and Family Well-Being
806	Youth Development

Outcome #4

1. Outcome Measures

Number of participants who changed a habit or procedure related to literacy.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	250	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

The Energy Express program depends on volunteers to carry out its program in 83 sites each summer. These volunteers include parents, grandparents, youth, and other community members.

What has been done

Energy Express state-level staff coordinated the volunteer contributions of 3385 volunteers this summer. Volunteers received training in working with children.

Results

Energy Express volunteers practiced new skills at Energy Express sites. 3885 family and community members volunteered contributing more than 58,821 hours for an average of 745 hours contributed by 43 volunteers at each site. The volunteers were divided between youth (1456) and adults (1929). Volunteers assisted with children's reading and writing; helped with the food service, managed the site office, and prepared materials for use with children. 42 percent of volunteer time was devoted to children's reading and writing.

4. Associated Knowledge Areas

KA Code	Knowledge Area
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704	Nutrition and Hunger in the Population
802	Human Development and Family Well-Being
806	Youth Development

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Appropriations changes
- Public Policy changes
- Competing Public priorities
- Competing Programmatic Challenges

Brief Explanation

This year, Energy Express has experienced changes in personnel. It's creator and long-time director, Ruthellen Phillips retired and others have had to fill in. This has not affected the implementation of Energy Express, but certain adjustments have had to take place.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

- After Only (post program)
- Retrospective (post program)
- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after program)

Evaluation Results

Energy Express conducts a statewide summative and formative evaluation. A stratified random sample of children were administered a standardized measurement, the Woodcock Johnson Test of Reading Achievement pre and post program. AmeriCorps Members were administered a pre-post survey, Energy Express Mentor Survey and Energy Express Volunteer Coordinator Survey, which were constructed by the evaluation team in 1996 and revised in 1999. The two principal components are personal efficacy ($r = .93$) and community service ($r = .82$). Local programs submitted child demographics as well as attendance, volunteer contribution, and meal data. The state office retained data on site staff.

Each year qualitative approaches include final site reports submitted by site teams and monitoring reports submitted by program staff and funding agencies. Evaluation is used to document that Energy Express is meeting its objectives and to determine areas for improvement and develop strategies for addressing the issues.

Woodcock-Johnson III
z-scores

Subtest

Letter/word identification
-2.388**
Reading fluency
-4.432***
Passage comprehension
-4.811***
Broad reading composite
-5.258***

Key Items of Evaluation