

IDAHO POWER ENERGYWISE®

PROGRAM SUMMARY REPORT

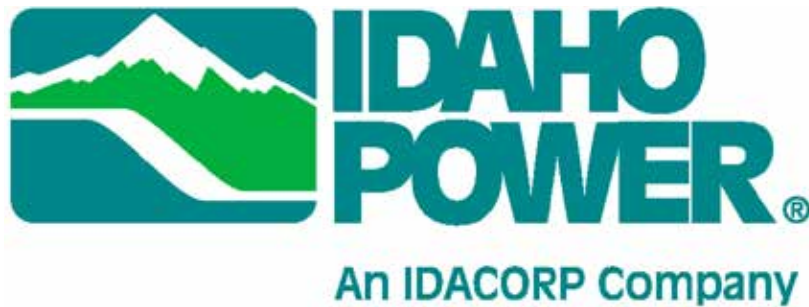
FALL 2020

SUBMITTED BY:



Idaho Power EnergyWise Program Summary Report Fall 2020


Made possible by:



Submitted by:



February 2021




“I have been teaching this program for 11 years now. I love that the materials have been adjusted over the years to make the explanations clear and easy for students to understand. Great program, I enjoy it.”

Katie Strawser, Teacher

Melba Elementary

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*“Working together with my child,
learning about saving energy & why
it is important.”*

Reyna Mendoza, Parent

Filer Intermediate School

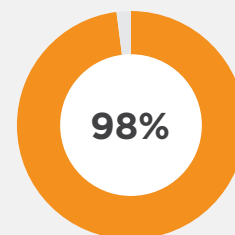
Executive Summary

AM Conservation Group is pleased to present this Program Summary Report to Idaho Power, which summarizes the Fall 2020 Idaho Power EnergyWise Program. The program was implemented in the Idaho Power service area in the states of Idaho and Oregon by 8,977 teachers, students, and their families.

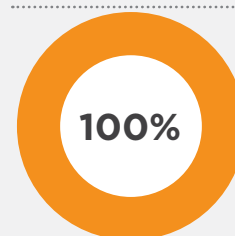
The following pages provide an overview of the program and materials, outline of program implementation, introduction to the program team, description of program enhancements, impact of the program, and summary of results from the home activities. In addition to this information, evaluations, letters, and comments are provided for a glimpse into actual participant feedback. Lastly, projected savings from the individual measures found within the EnergyWise Kit are also included.

Participant Satisfaction

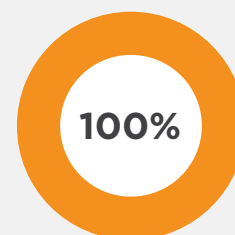
A successful program excites and engages participants. Students, parents, and teachers are asked to evaluate the program and provide personal comments. Due to difficulties posed by the Coronavirus, a number of teachers whom received materials during the Spring of 2020 implemented during the Fall semester of 2020. The associated savings for these participants were claimed within the 2020 Comprehensive Program Summary Report and thus, have not been included in the calculations for this report, however, their submitted data was still utilized for the calculations figures. A sample of the feedback is given in the margin. >



Teachers who indicated that materials were clearly written and well organized.

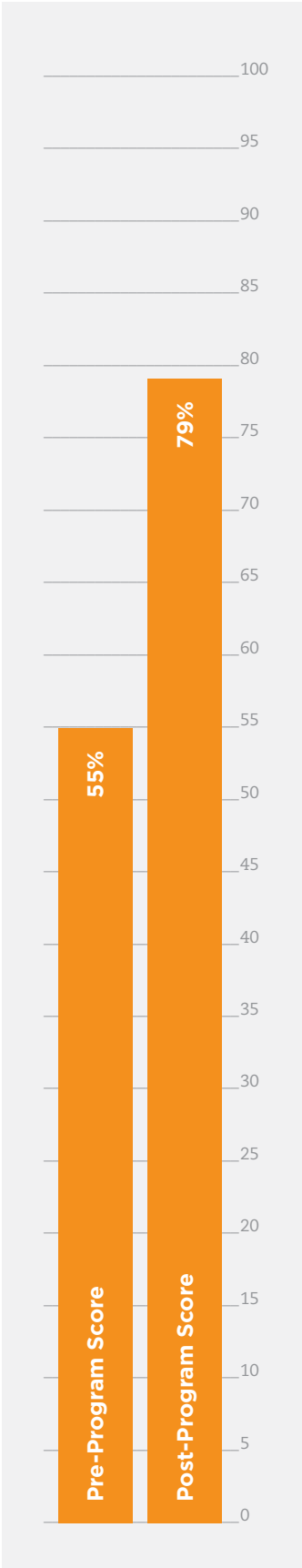


Teachers who indicated they would recommend this program to other colleagues.



Teachers who indicated they would conduct this program again.

A summary of responses can be found in Appendix C.



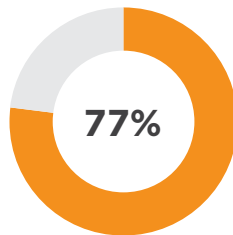
Knowledge Gained

Identical tests were administered to the students prior to the program and again upon program completion to measure knowledge gained. Scores and subject knowledge improved from **55% to 79%**.

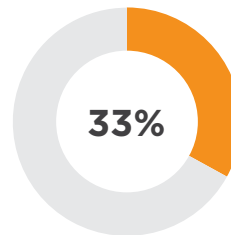
Measures Installed

Students completed take-home activities as part of the program and reported on the kit measures they installed in their homes.

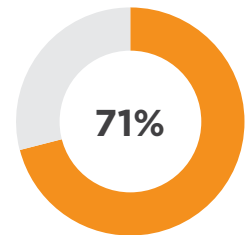
A summary of responses can be found in Appendix B.



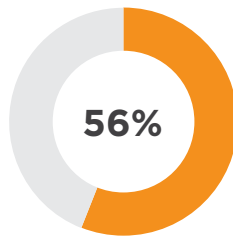
Students who reported they installed the LED Night Light.



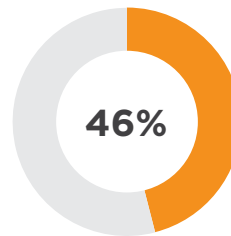
Students who reported they installed the High-Efficiency Showerhead.



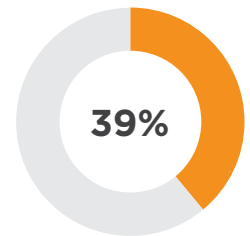
Students who reported they installed the Shower Timer.



Students who reported that they installed the first 9-watt LED Light Bulb.



Students who reported that they installed the second 9-watt LED Light Bulb.



Students who reported that they installed the third 9-watt LED Light Bulb.

Energy and Water Savings Results

In addition to educating students and their parents, a primary program goal is to generate cost-effective energy and water savings. Student home surveys not only provided the data used in the savings projections, but also reinforced the learning benefits.


Projected Resource Savings

A list of assumptions and formulas used for these calculations can be found in Appendix A.

PROJECTED ANNUAL SAVINGS		PROJECTED LIFETIME SAVINGS	
10,553,848	gallons of water saved	105,538,482	gallons of water saved
1,668,283	kWh of electricity saved	17,890,589	kWh of electricity saved
45,244	therms of gas saved	452,445	therms of gas saved
10,553,848	gallons of wastewater saved	105,538,482	gallons of wastewater saved

PROJECTED ANNUAL SAVINGS PER HOME		PROJECTED LIFETIME SAVINGS PER HOME	
1,176	gallons of water saved	11,757	gallons of water saved
186	kWh of electricity saved	1,993	kWh of electricity saved
5	therms of gas saved	50	therms of gas saved
1,176	gallons of wastewater saved	11,757	gallons of wastewater saved

***Per Idaho Power's request, the associated savings for the shower timer have not been included in savings totals.*



“This was a lifesaver to have this year during remote learning. It was hands-on and the program was well aligned with the curriculum.”

Jillian Cole, Teacher

Eagle Hills Elementary School

Program Overview


The Idaho Power EnergyWise Program, a school-based energy efficiency education program, is designed to generate immediate and long-term resource savings by bringing interactive, real-world education home to students and their families. The Fall 2020 program was taught in grade 4-6 throughout the Idaho Power service area.

The Idaho Power EnergyWise Program team identifies and enrolls students and teachers within the designated service area. The program physically begins with classroom discussions using a Student Guide that provides the foundations of using energy and water efficiently. It is followed by hands-on, creative, problem-solving activities led by the classroom teacher.

All program materials support state and national academic standards to allow the program to fit easily into a teacher's existing curriculum and requirements. The participating classroom teachers follow the Teacher Book and lesson plan. Information is given to guide lessons throughout the program in order to satisfy each student's individual needs, whether they are visual, auditory, or kinesthetic learners.

The EnergyWise Kit and Student Take-Home Workbook comprise the take-home portion of the program. Students receive a kit containing high-efficiency measures they use to install within their homes. With the help of their parents/guardians, students install the kit measures and complete a home survey. The act of installing and monitoring new energy efficiency devices in their homes allows students to put their learning into practice. Here, participants and their parents/guardians realize actual water and energy savings within their home, benefitting two generations.

A critical element of AM Conservation Group program design is the use of new knowledge through reporting. At the end of the program, the Idaho Power EnergyWise program team tabulates all participant responses—including home survey information, teacher responses, student letters, and parent feedback—and generates this Program Summary Report.



“My child came home excited to see how the light bulbs looked different and wanted to time her showers. She wanted to check the temperature in the fridge. I enjoyed seeing her excited to make a difference.”

Santana Ramos, Parent

Wilson Elementary School

Program Materials

Each participant in the Idaho Power EnergyWise Program receives classroom materials and energy efficiency kits containing high-efficiency measures to perform the program's take-home activities. Program materials for students, parents/guardians, and teachers are outlined below.

Each Student & Teacher Receives

Student Guide

Student Take-Home Workbook

Parent Letter/Pledge Form*

Student Survey Form

Certificate of Achievement

EnergyWise Kit Containing:

- High-Efficiency Showerhead
- (3) 9-watt LED Light Bulbs
- Shower Timer
- FilterTone® Alarm
- Digital Thermometer
- LED Night Light
- Flow Rate Test Bag
- Natural Resource Fact Chart
- Reminder Stickers and Magnet Pack
- Parent/Guardian Program Evaluation
- Illustrated Installation Guide

Idaho Power Wristband

Website Access at:

<http://www.idahopower.com/wise>

Toll-Free HELP Line

Each Teacher/Classroom Receives

Teacher Book

Idaho Power Custom Introduction Video -
Flash Drive

Step-by-Step Program Checklist

Lesson Plans

Idaho State and National Academic
Standards Chart

Extra Activities

Teacher Survey Form

Pre/Post Student Survey Answer Keys

Electricity Poster

Self-Addressed Postage-Paid Envelope

** Materials / Installation Instructions provided in English and Spanish*

Program Materials

TEACHER SURVEY
Your feedback is greatly appreciated.

Program brought to you by:
IDAHO POWER
An IDACORP Company

Date: _____
School: _____
Teacher name: _____
Email: _____
Number of Student Survey Forms returned: _____
Teacher Signature: _____

Please assess the EnergyWise Program by filling out this Teacher Survey Form. Upon completion, return this survey form, your Student Survey Forms, student thanks you notes, and a letter from you to Idaho Power in the postage-paid return envelope provided.

PLEASE FILL IN THE CIRCLE THAT BEST DESCRIBES YOUR OPINION:

- The materials were clearly written and well organized.
☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree
- The products in the kit were easy for students to use.
☐ Strongly Agree ☐ Agree ☐ Disagree ☐ Strongly Disagree
- Which classroom activities did you complete? (Mark all that apply)
☐ Activities to begin ☐ Conversation Cards ☐ Musical Cards
☐ Read from Light Bulbs ☐ How much do we cost? ☐ Expanding Size
☐ Student Survey ☐ Idaho Power at Home
- Students indicated that their parents supported the program.
☐ Yes ☐ No
- Would you conduct the program again?
☐ Yes ☐ No
- Would you recommend this program to other colleagues?
☐ Yes ☐ No
- Would you be willing to participate in a local Teacher Advisory Board?
☐ Yes ☐ No
- If my school is eligible for participation next year, I would like to enroll.
☐ Yes ☐ No
- What did students like best about the program? Explain.

- What did you like best about the program? Explain.

GET YOUR \$100.00 MINI GRANT!
Return the following by **December 31, 2020** for full implementers or **May 15, 2021** for spring.

- 80% of Student Survey Forms
- This survey form
- Student thanks you notes
- A letter from you

An IDACORP Company. Idaho Power and Idaho Power Company are not responsible for the use of and application for registration, patent, copyright, trademark or anything of the kind.

Teacher Survey Form

PARENTS

CONGRATULATIONS!

Your child's class has been selected to participate in the annual Idaho Power EnergyWise Program. The program is designed to teach your child the importance of good manners, like energy and water, early and responsibly. This program is being provided by Idaho Power at no additional cost to you, your child's school or the school district.

The program is a two-part program. Your child will get a grant's kit, valued at over \$60, which includes tools with and without simple circuits. Your child will get a grant's kit, valued at over \$60, which includes tools with and without simple circuits. Your child will get a grant's kit, valued at over \$60, which includes tools with and without simple circuits. Your child will get a grant's kit, valued at over \$60, which includes tools with and without simple circuits.

LET'S GET STARTED!

SIGN **INSTALL** **SAVE**

QUESTION? 1-888-GET-WISE • www.idahopower.com/wise

STUDENTS

PLEDGE FORM

Name: _____
School: _____
Teacher: _____

TAKE THE PLEDGE

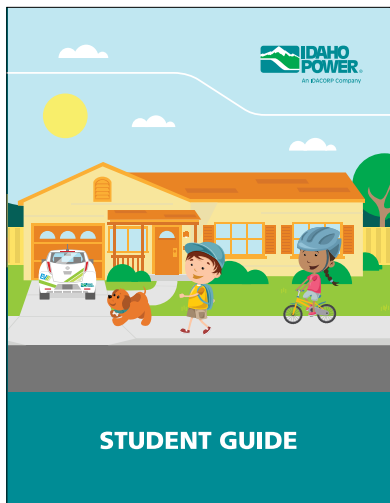
Please help you not by writing your first pledge. All you have to do to complete the first pledge and water effort at home. Sometimes, a pledge is a promise.

SIGN THE PLEDGE

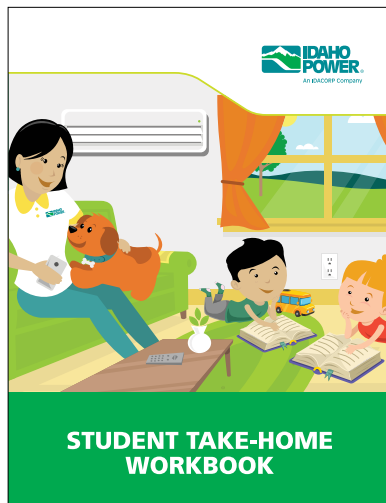
I pledge to do my part by installing all of the items in my kit to save energy and water as well as reduce my family's utility bills.

Parent Signature: _____

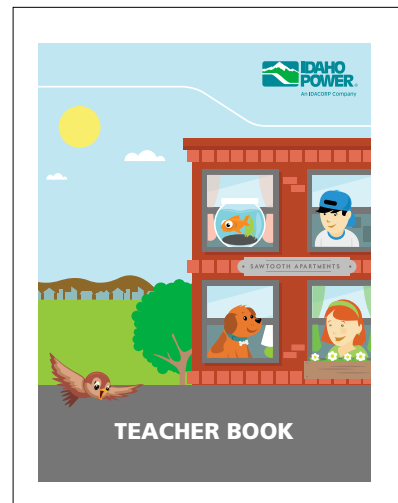
Parent Letter/Pledge Form



Student Guide



Student Workbook



Teacher Book




Certificate of Achievement



Kit Box



Introduction Video (flash drive) Pen



“I really appreciate the light bulbs, the showerhead and shower timer.”

Crystal Galeai, Parent


Lake Ridge Elementary School

Program Implementation

The Fall 2020 Idaho Power EnergyWise Program followed this comprehensive implementation schedule:

1. Identification of Idaho and Oregon state and national academic standards & benchmarks
2. Curriculum development and refinement (completed annually)
3. Curriculum correlation to Idaho and Oregon state and national academic standards & benchmarks
4. Materials modification to incorporate Idaho Power branding
5. Incentive program development
6. Teacher/school identification—with Idaho Power approval
7. Teacher outreach and program introduction
8. Teachers enrolled in the program individually
9. Implementation dates scheduled with teachers
10. Program material delivered to coincide with desired implementation date
11. Delivery confirmation
12. Periodic contact to ensure implementation and teacher satisfaction
13. Program completion incentive offered
14. Results collection
15. Program completion incentive delivered to qualifying teachers
16. Thank you cards sent to participating teachers
17. Data analysis
18. Program Summary Report generated and distributed

Participating teachers are free to implement the program to coincide with their lesson plans and class schedules. Appendix F provides a comprehensive list of classrooms in grade 4-6 that participated during the Fall of the 2020-2021 school year.



AM Conservation Group has been in the business of designing and implementing energy and water efficiency programs for nearly three decades. Throughout this time we've built an expert team of industry professionals that deliver a seamless program to achieve your goals.

We designed the Idaho Power EnergyWise Program in our program center from the ground up. Working in conjunction with Idaho Power, we identified goals, desired outcomes of the program, and specific materials' customization. The result is a stimulating program that delivers significant and measurable resource savings. The Idaho Power EnergyWise Program features a proven blend of innovative education, comprehensive implementation services, and hands-on activities to put efficiency knowledge to work in homes throughout the Idaho Power service territory.

The Idaho Power EnergyWise Program is a reflection of true teamwork. On behalf of the entire implementation team at AM Conservation Group, we would like to thank you for the opportunity to design and implement the Idaho Power EnergyWise Program. It has been a pleasure working with you, we look forward to many more years of program success.

Sincerely,



Chase Griswold
Program Manager



Libby Wilson
Director of Program Services

Program Team

Program Team

The success of the Idaho Power EnergyWise Program is owed to a cross-functional implementation team chosen specifically to meet the goals of the program. We incorporated both a PMP® certified Program Manager and a CEM® designated energy analyst to ensure the program hits key milestones and delivers results. These thought leaders are supported by an integral mix of specialists working in unity to accomplish your program objectives. The Idaho Power EnergyWise Program implementation team consisted of the following:

Outreach

Our outreach team is the face of the Idaho Power EnergyWise Program, introducing teachers to the program, and providing support throughout implementation to guarantee the program's success in the classroom. This group builds relationships and keeps teachers engaged in program execution year after year.

Graphic Design and Marketing

Expertly-designed kits and program materials are a result of our Graphic Design and Marketing teams. This group provides brand alignment and marketing strategies to ensure program branding is within guidelines. Additionally, this team facilitates copy and art direction and works with education to develop end-user activities.

Education


Led by a Ph.D. educator having both classroom and administration leadership experience, this team is responsible for the development of educational content as well as classroom energy literacy and engagement. The group also ensures the program's content is aligned with Idaho state expectations in science, math, and language as well as the rigorous expectations of STEM (Science, Technology, Engineering, and Math).

Information Technology

We leave IT strategy and cyber security in the hands of our experts. This team built and manages the integrated systems responsible for seamlessly blending operations, driving automation, and maximizing participation in the Idaho Power EnergyWise Program. This group provides the managed data services and software in support of outreach, enrollment, order processing, fulfillment, data collection and reporting.

Warehouse and Logistics

Last but not least, our warehouse and logistics teams guarantee Idaho Power EnergyWise Program materials reach the classroom on-time and without errors. This group provides printing, purchasing, production, quality assurance & control, warehousing and shipping for all program materials. Additionally, this team ensures that all materials are consistent with orders and confirms delivery.



“The students loved the kits and the readings. They were amazed that the refrigerator uses the most energy. We also loved the classroom activities.”

Kim Birkinbine, Teacher

Silver Trail Elementary School

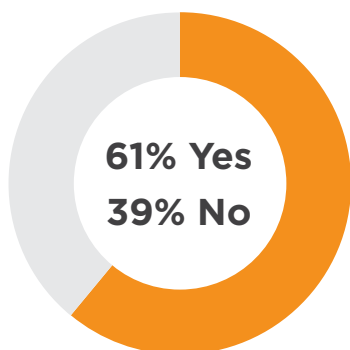
Program Impact

The Idaho Power EnergyWise Program has had a significant impact within the community. As illustrated below, the program successfully educated participants about energy and water efficiency while generating resource savings through the installation of efficiency measures in homes. Home survey information was collected to track projected savings and provide household consumption and demographic data. Program evaluations and comments were collected from teachers, students, and parents. The following elements were used to collect this data:

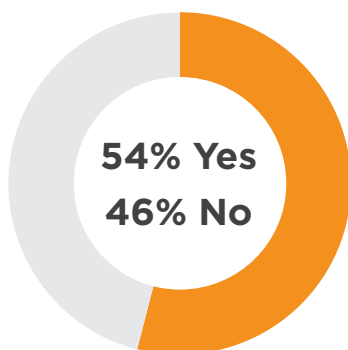
A. Home Survey

Upon completion of the program, participating families are asked to complete a home survey to assess their resource use, verify product installation, provide demographic information, and measure participation rates. A few samples of questions asked are below while a complete summary of all responses is included in the appendices.

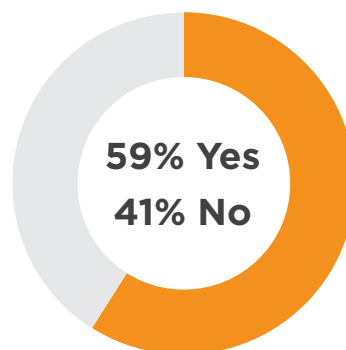
Did you work with your family on this program?	Yes - 61%
Did your family change the way they use water?	Yes - 54%
Did your family change the way they use energy?	Yes - 59%



Students who indicated that they worked with their family on this program.



Students who indicated that their family changed the way they use water.

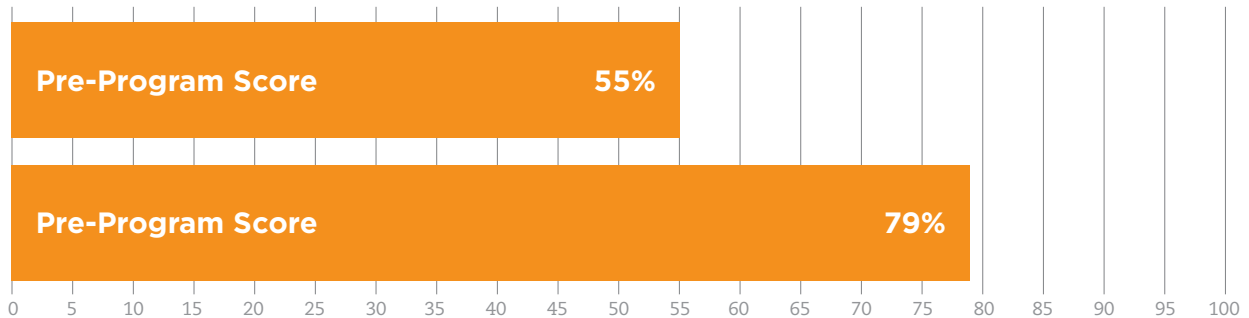


Students who indicated that their family changed the way they use energy.

B. Pre-Program and Post-Program Tests

Students were asked to complete a 10-question test before the program was introduced and then again after it was completed to determine the knowledge gained through the program. The average student answered **5.5** questions correctly prior to being involved in the program and then improved to answer **7.9** questions correctly following participation.

Scores improved from 55% to 79%.



C. Home Activities

As part of the program, parents and students installed resource efficiency measures in their homes. They also measured the pre-existing devices to calculate savings that they generated. Using the family habits collected from the home survey as the basis for this calculation, 8,977 households are expected to save the following resource totals. Savings from these actions and new behaviors will continue for many years to come.

Projected Resource Savings

A list of assumptions and formulas used for these calculations can be found in Appendix A.

Number of Participants:	8,977	
	Annual	Lifetime
Projected reduction from Showerhead retrofit:	10,553,848	105,538,482 gallons
Product Life: 10 years	664,455	6,644,551 kWh
	35,168	351,682 therms
 Projected reduction from first 9-watt LED Light Bulb:	 243,655	 2,923,856 kWh
Product Life: 25,000 hours (12 years)		
 Projected reduction from second 9-watt LED Light Bulb:	 195,055	 2,340,661 kWh
Product Life: 25,000 hours (12 years)		
 Projected reduction from third 9-watt LED Light Bulb:	 165,169	 1,982,029 kWh
Product Life: 25,000 hours (12 years)		
 Projected reduction from LED Night Light retrofit:	 196,581	 1,965,814 kWh
Product Life: 10,000 hours		
 Projected reduction from FilterTone® installation:	 203,368	 2,033,678 kWh
Product Life: 10 years	10,076	100,762 therms
 TOTAL PROGRAM SAVINGS:	 10,553,848	 105,538,482 gallons
	1,668,283	17,890,589 kWh
	45,244	452,445 therms
 TOTAL PROGRAM SAVINGS PER HOUSEHOLD:	 1,176	 11,757 gallons
	186	1,993 kWh
	5	50 therms

***Per Idaho Power's request, the associated savings for the shower timer have not been included in savings totals.*

D. Teacher Program Evaluation

Program improvements are based on participant feedback received. One of the types of feedback obtained is from participating teachers via a Teacher Program Evaluation Form. They are asked to evaluate relevant aspects of the program and each response is reviewed for pertinent information. The following is feedback from the Teacher Program Evaluation for the Idaho Power EnergyWise Program.

Teacher Response

(A summary of responses can be found in Appendix C)

100% of participating teachers indicated they would conduct the program again given the opportunity.

100% of participating teachers indicated they would recommend the program to their colleagues.

What did students like best about the program? Explain.

"The students loved sharing their shower timers and I had them time their showers before handing out anything. They were shocked!"

Lyna Butler, Mill Creek Elementary School

"Students loved learning how small changes can make a big impact on energy consumption."

Stephani Little, Mill Creek Elementary School

"Students loved the opportunity to learn how power is made and where it comes from. They also liked the free kits."

Rose Marie Warrell, Oakley Elementary School

"The students liked being able to take their learning home with their kits and teach their families."

Aubrey Crisp, Central Elementary School

"They loved the kits and learning about how much energy different appliances use."

Sirrah Elliott, West Canyon Elementary

"They loved the LED Bulbs and showerhead. We were surprised how much H₂O is used and wasted."

Jillian Cole, Eagle Hills Elementary School

"The students loved the activities completed in class and implementing the items in the kit."

They are still talking about it."

Michelle Montoya, Hillsdale Elementary School

"They loved the kit! They enjoyed learning about peak time and how they could boss their family around to save water and energy."

Katie Ward, Purple Sage Elementary School

"They loved the kits and the readings. They were amazed that the refrigerator uses the most energy."

We also loved the classroom activities."

Kim Birkinbine, Silver Trail Elementary School

Teacher Response

(A summary of responses can be found in Appendix C)

What did you like best about the program? Explain.

"I have been teaching this program for 11 years now. I love the materials have been adjusted over the years to make the explanation clear and easy for students to understand. Great program. I enjoy it."

Katie Strawser, Melba Elementary

"I like that it fits right in our standards. This is just something extra to do. This is a great resource for these standards."

Maggie Stump, Summit Elementary School

"Explaining how the electronics used energy even when not being used, and relating it to why parents get upset with them when they leave things on."

Amy Taylor, Lake Ridge Elementary School

"We had a great time going through what was in the EnergyWise kit and how each tool helps our environment."

Stacy Mount, Westside Elementary School

"This was a lifesaver to have this year during remote learning. It was hands-on and worked well aligned with curriculum."

Jillian Cole, Eagle Hills Elementary School

"The materials are well organized and easily implemented in the classroom. I also like the home program that connects to the classroom activities."

Samantha Purcell, Eagle Hills Elementary School

"I love the example Idaho Power sets for our students by conserving energy and resources and their investment and community outreach."

Michelle Montoya, Hillsdale Elementary School

What would you change about the program? Explain.

"I absolutely love this program! It is a time commitment in class but was able to tie it to our standards!"

Michelle Montoya, Hillsdale Elementary School

"Nothing. I really enjoy the program and activities related to our state standards. I always add on to the lessons as well for grading purposes. Thank you."

Kim Birkinbine, Silver Trail Elementary School

"I like the information and activities are easily aligned with out 4th grade science standards."

Jackie Sodaro, Desert Springs Elementary School

"I love teaching the kids and their excitement when they "know" things."

Melissa McPherson, Purple Sage Elementary School

E. Parent/Guardian Program Evaluation

(A summary of responses can be found in Appendix E)

Parent involvement with program activities and their children is of paramount interest to both utilities and teachers in the program. When parents take an active role in their child's education it helps the schools and strengthens the educational process considerably. When students successfully engage their families in retrofit, installation, and home energy efficiency projects, efficiency messages are powerfully delivered to two generations in the same household. The program is a catalyst for this family interaction, which is demonstrated by feedback from Parent/Guardian Program Evaluations in each program. The following is feedback from the Parent/Guardian Program Evaluations for the Idaho Power EnergyWise Program.

Parent Response

(A summary of responses can be found in Appendix C)

100% of participating parents indicated that the program was easy to use.

100% of participating parents indicated they would continue to use the kit items after the completion of the program.

100% of participating parents indicated they would like to see this program continued in local schools.

What aspect of the program did you like best?

"It was easy to do with the kids, we had everything we needed and the results were cool to see."

Tiffany Wendt, Eagle Hills Elementary School

"Making my child more aware of conserving energy and water usage."

Melissa Morris, Homedale Elementary

"I like that the children are aware of things they can help with to save money."

Matthew and Shasta Stone, Filer Intermediate School

"Working together with my child, learning about saving energy & why it is important."

Reyna Mendoza, Filer Intermediate School

"I really appreciate the light bulbs, the showerhead and timer."

Crystal Galeai, Lake Ridge Elementary School

"My child came home excited to see how the light bulbs looked different and wanted to time her showers. She wanted to check the temp. in the fridge. I enjoyed seeing her excited to make a difference."

Santana Ramos, Wilson Elementary School

"Teaching kids how to be responsible."

Alicia Simono, Filer Intermediate School

Parent Response

(A summary of responses can be found in Appendix C)

“My child was more aware of water and power usage.”

Zack Harper, Oakley Elementary School

“That my child is wanting to save on the power bill.”

Andrea Sparks, Filer Intermediate School

“Learning how much water and energy we have been using.”

Sarah Quick, Syringa Elementary School

“Fun activities, child learning.”

Neal Navrock, White Pine Elementary School

“How it teaches the kids to remember to switch lights off and different ways to save energy.”

Rachelle Warner, Wilson Elementary School

Are there any comments you would like to express to your child’s program sponsor?

“Thank you! This was practical, fun, and great life lessons!”

Tiffany Wendt, Eagle Hills Elementary School

“Good idea and it makes us think of conservation. Thank you!”

Juanita Warden, Groveland Elementary

“Its great. Kids need to know about saving energy.”

Andrea Sparks, Filer Intermediate School

“Thank you!”

Crystal Galeai, Lake Ridge Elementary School

“I like the program and how it helps me.”

Mary Sanchez, Lake Ridge Elementary School

“Thank you for teaching kids about conserving energy.”

Heather Raar Nichols, Lewis and Clark Elementary

“THANK YOU!!!”

Santana Ramos, Wilson Elementary School

“Great job!!”

Melissa Morris, Homedale Elementary

F. Teacher Letters

(A summary of responses can be found in Appendix E)

10.28.20

Dear Idaho Power,

Thank you so much for providing the opportunity for kids to learn about Earth's resources and to understand the impact of their choices on all living things. My students loved receiving the Energy Wise kits, and I also had much positive feedback from parents. Most of the families were able to utilize the items in the kit, where normally, they may not have been able to make the changes suggested by the Student Workbook Activities. Participating families confirmed that they were able to find new ways to conserve energy in their homes.

The lessons provided in the Teacher Guide were interesting and applicable. Students enjoyed reading along with the lessons, and then engaging in activities that supported their learning. Anytime kids can do science in the classroom, they get excited. Students expressed great interest in learning about photosynthesis, the construction of the earth, and renewable and non-renewable resources. Several of the activity lessons suggested were effective, namely: Heat from Light Bulbs, Biomass to Biogas, Conservation Cookie, and Global Candy. I found several pieces of literature, related activities, and videos to support the lessons as well. All of the materials worked together to engage students in learning.

Again, thank you for contributing so much to my class's education regarding the production, utilization, and conservation of energy. I know that when we receive the grant money, we will be able to put it to good use in the classroom.

Sincerely,



Mrs. Brenda Fly

Vallivue School District

Birch Elementary

Fourth Grade

Teacher Letters

(A summary of responses can be found in Appendix E)

BIRCH ELEMENTARY

6900 Birch Lane
Nampa, ID 83687
(208) 461-5960 fax (208) 461-5957
Sarah Christensen, Principal

Friday, October 29, 2020

To Idaho Power,

I would like to thank you so much for the Energy Wise Program that you sponsored for our 4th graders. The great workbook encouraged students to work together for at home studies with their parents. It helped encourage parents and students to help make their home more energy efficient with the light bulbs, nightlight, temperature ruler, and filter alarm. The students had a wonderful time working with their parents as they installed these items, and figured out how much energy they would save!

I loved the new updated version of the books. This was much more friendly.

The workbook for school helped with so many of the science standards. We teach an electricity kit and this was a wonderful way to wrap up what the students had learned. It gave the students a "real life" understanding of electricity and how important conservation is.

Thanks so much for offering these materials to our classrooms. What a great community partner.

Sincerely,

Juilana Lookhart
Birch Elementary
Vallivue S.D.
6900 Birch Lane
Nampa, Idaho 83687

juilana.lookhart@vallivue.org


Teacher Letters

(A summary of responses can be found in Appendix E)

10/16/20

Dear Idaho Power,

Thank you so much for allowing our school to participate in your program this year. The program is engaging and the kids are learning so much by being able to use the kits at home and explain to their parents the importance of conserving power.

Sincerely, 

Jill Mesecher
Mill Creek Elementary
4th grade teacher

Teacher Letters

(A summary of responses can be found in Appendix E)

Stephani Little
Mill Creek Elementary
500 N. Middleton Road
Middleton, Idaho 83644
(208) 585-3065
slittle@msd134.org

Nov. 02, 2020

To Whom it May Concern,

As a fourth grade teacher, I would like to sincerely thank you for the Idaho Power Energy Kits that were provided to my fourth graders. Students were SO excited when they found out they were getting the kits, as they remembered their older siblings receiving them. In addition, their level of engagement went through the roof when it was time for Idaho Power science. They truly enjoyed getting to see the direct correlation between the materials in the kit, and the lessons and activities provided.

Thank you for making my life as a teacher easier! It can be challenging to find the best materials to use for instruction. However, this program eliminated that concern! Please continue to provide these materials; as they are invaluable!

Sincerely,



Mrs. Stephani Little
Fourth Grade Teacher

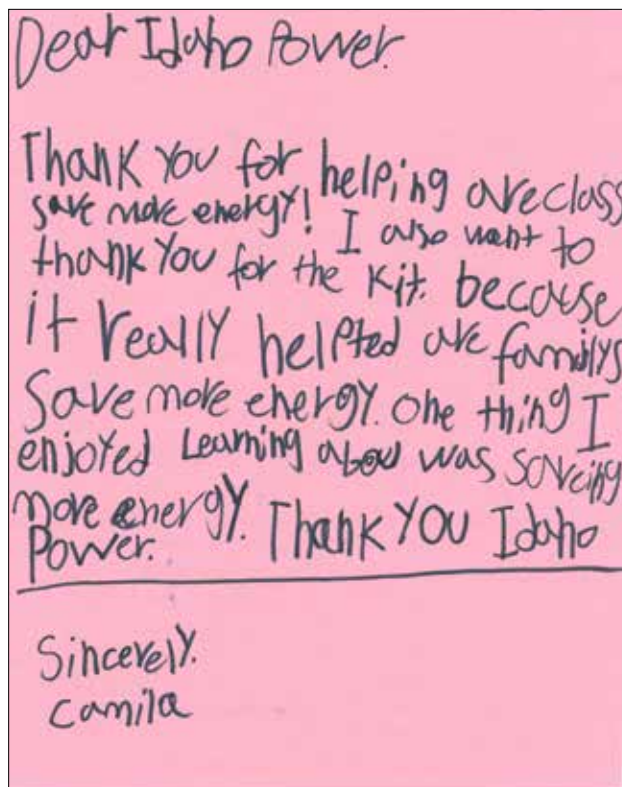
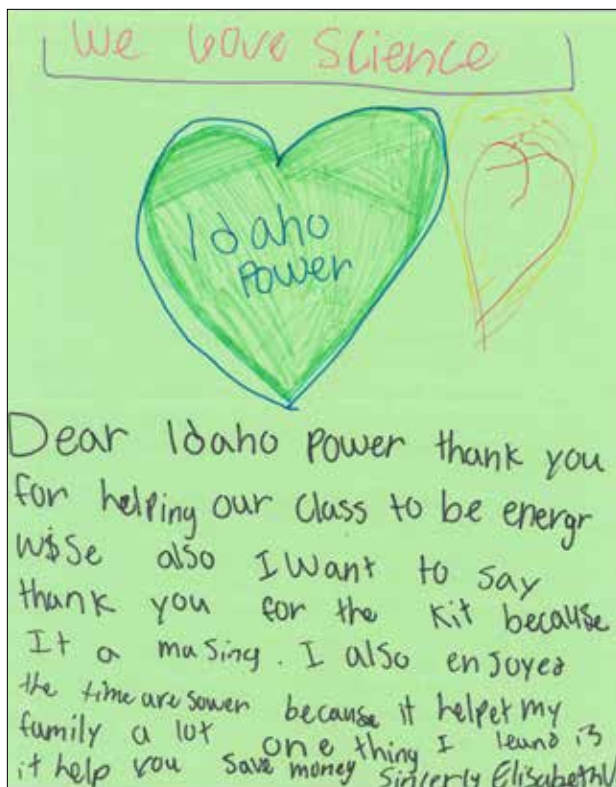
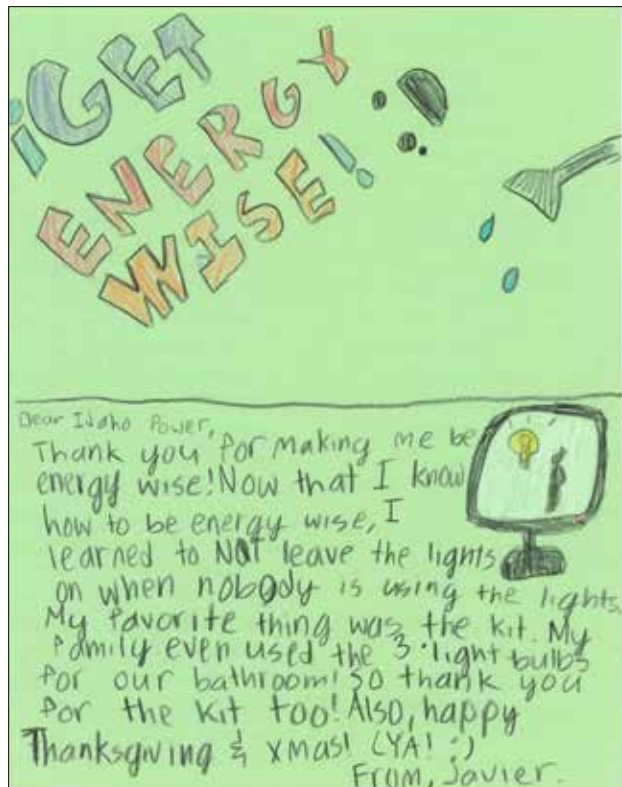
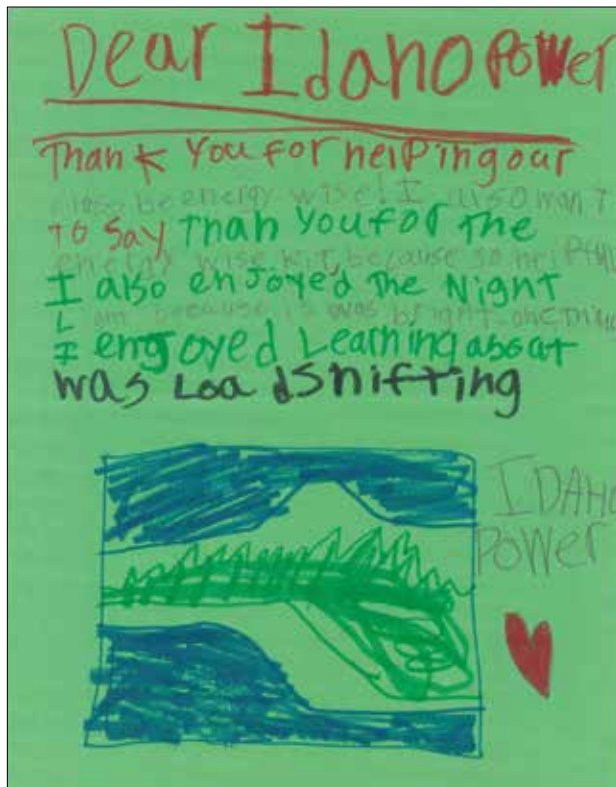
G. Student Letters

(A summary of responses can be found in Appendix F)



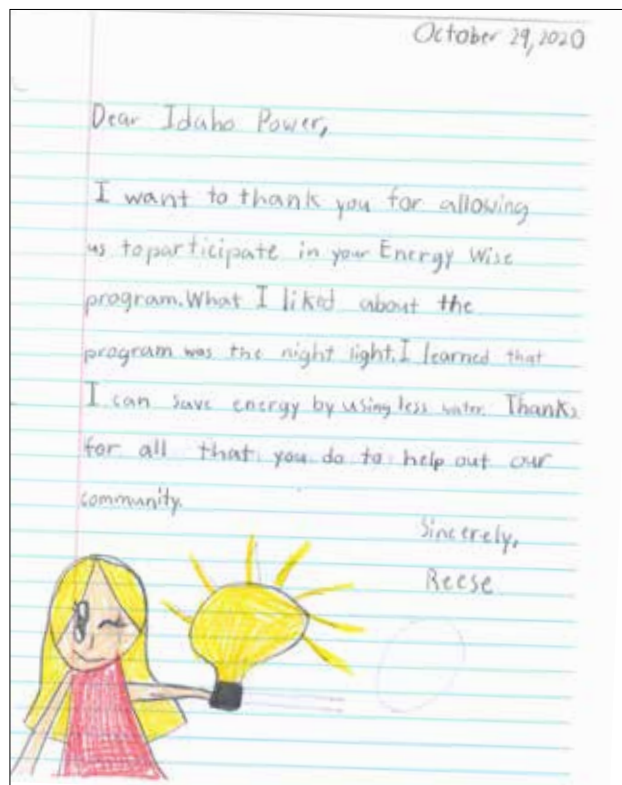
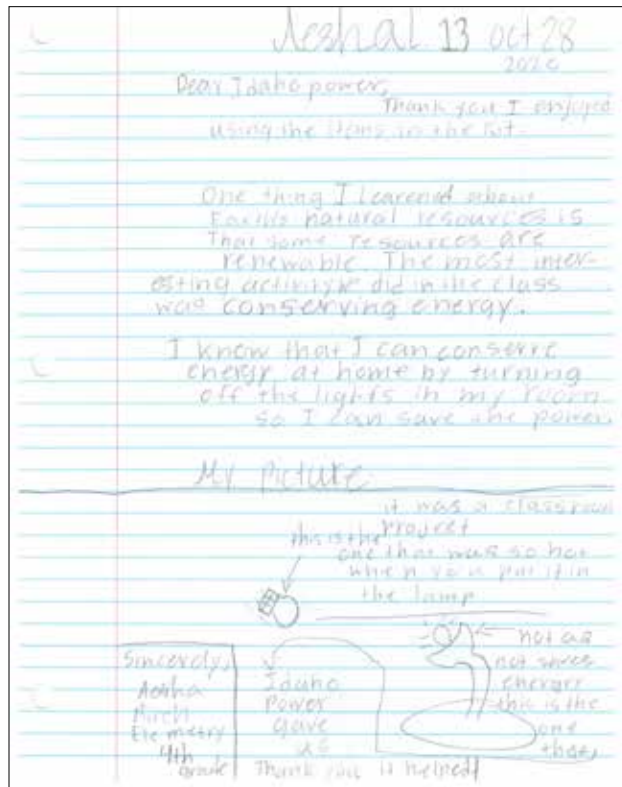
Student Letters

(A summary of responses can be found in Appendix F)



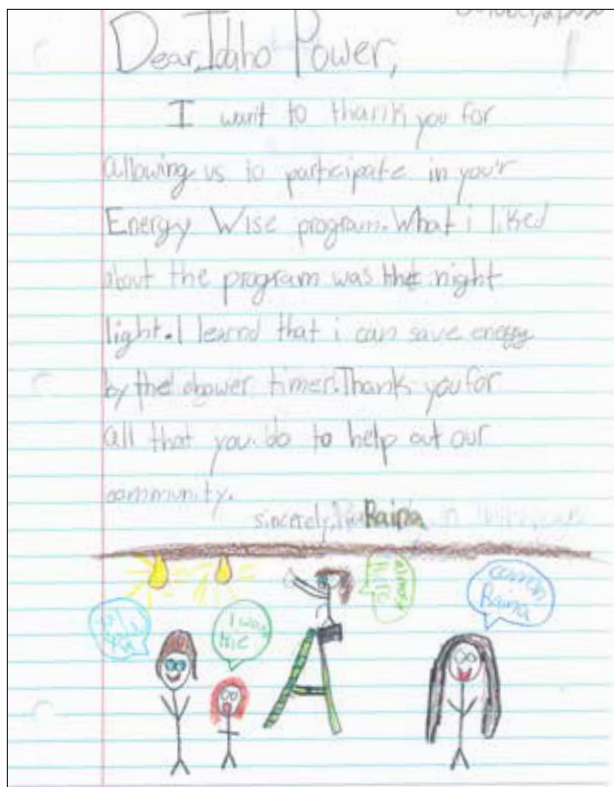
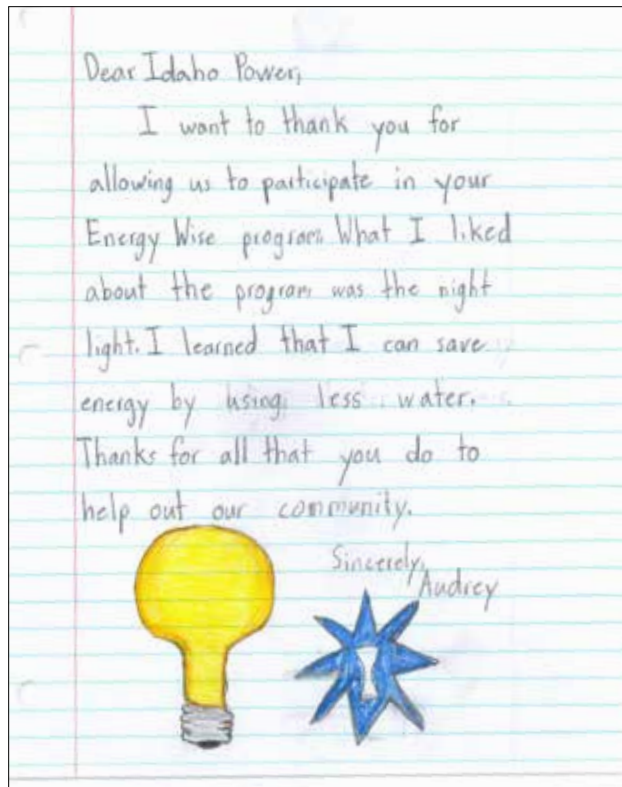
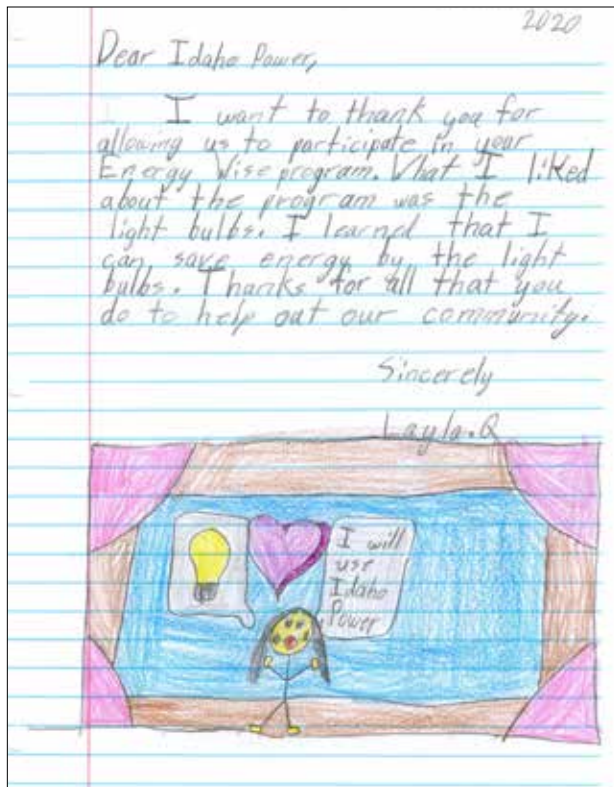
Student Letters


(A summary of responses can be found in Appendix F)



Student Letters

(A summary of responses can be found in Appendix F)





*“Thank you! This was practical, fun,
and great life lessons!”*

Tiffany Wendt, Parent

Eagle Hills Elementary School

Appendices

Appendix A

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Projected Savings from Showerhead Retrofit

Showerhead Retrofit Inputs and Assumptions:

Average household size:	5.19	people ¹
Average number of full bathrooms per home:	2.13	full bathrooms per home ¹
% of water heated by gas:	50.72%	¹
% of water heated by electricity:	47.91%	¹
Installation / participation rate of:	32.67%	¹
Average Showerhead has a flow rate of:	2.04	gallons per minute ¹
Retrofit Showerhead has a flow rate of:	1.30	gallons per minute ¹
Number of participants:	8,977	¹
Shower duration:	8.20	minutes per day ²
Showers per day per person:	0.67	showers per day ²
Product life:	10	years ³

Projected Water Savings:

Showerhead retrofit projects an annual reduction of:	10,553,848	gallons ⁴
Showerhead retrofit projects a lifetime reduction of:	105,538,482	gallons ⁵

Projected Electricity Savings:

Showerhead retrofit projects an annual reduction of:	664,455	kWh ^{2,6}
Showerhead retrofit projects a lifetime reduction of:	6,644,551	kWh ^{2,7}

Projected Natural Gas Savings:

Showerhead retrofit projects an annual reduction of:	35,168	therms ^{2,8}
Showerhead retrofit projects a lifetime reduction of:	351,682	therms ^{2,9}

¹ Data Reported by Program Participants.

² (March 4, 2010). EPA WaterSense® Specification for Showerheads Supporting Statement. Retrieved from http://www.epa.gov/WaterSense/docs/showerheads_finalsupstat508.pdf

³ Provided by manufacturer.

⁴ $[(\text{Average Household Size} \times \text{Shower Duration} \times \text{Showers per Day per Person}) \div \text{Average Number of Full Bathrooms per Home}] \times (\text{Average Showerhead Flow Rate} - \text{Retrofit Showerhead Flow Rate}) \times \text{Number of Participants} \times \text{Installation Rate} \times 365 \text{ days}$

⁵ $[(\text{Average Household Size} \times \text{Shower Duration} \times \text{Showers per Day per Person}) \div \text{Average Number of Full Bathrooms per Home}] \times (\text{Average Showerhead Flow Rate} - \text{Retrofit Showerhead Flow Rate}) \times \text{Number of Participants} \times \text{Installation Rate} \times 365 \text{ days} \times \text{Product Life}$

⁶ Projected Annual Water Savings x Percent of Water that is Hot Water x 0.18 kWh/gal x % of Water Heated by Electricity

⁷ Projected Annual Water Savings x Percent of Water that is Hot Water x 0.18 kWh/gal x % of Water Heated by Electricity x Product Life

⁸ Projected Annual Water Savings x Percent of Water that is Hot Water x 0.009 Therms/gal x % of Water Heated by Natural Gas

⁹ Projected Annual Water Savings x Percent of Water that is Hot Water x 0.009 Therms/gal x % of Water Heated by Natural Gas x Product Life

Projected Savings from FilterTone® Alarm Installation

FilterTone® Installation Inputs and Assumptions:

Annual energy (electricity) use by a central air conditioner:	4,467	kWh ¹
Annual energy (natural gas) use by a central space heating or furnace:	421	therms ¹
Projected increase in efficiency (electricity):	1.75%	²
Projected increase in efficiency (natural gas):	0.92%	²
Product life:	10	years ³
Installation / participation rate of:	28.98%	⁴
Number of participants:	8,977	⁴

Projected Electricity Savings:

The FilterTone installation projects an annual reduction of:	203,368	kWh ⁵
The FilterTone installation projects a lifetime reduction of:	2,033,678	kWh ⁶

Projected Natural Gas Savings:

The FilterTone installation projects an annual reduction of:	10,076	therms ⁷
The FilterTone installation projects a lifetime reduction of:	100,762	therms ⁸

¹ U.S. Department of Energy, Energy Information Administration 2005 Residential Energy Consumption Web site for Mountain West States: <http://www.eia.gov/consumption/residential/data/2005/>

² Reichmuth P.E., Howard. (1999). Engineering Review and Savings Estimates for the 'Filtertone' Filter Restriction Alarm.

³ Provided by manufacturer.

⁴ Data reported by program participants.

⁵ Annual energy (electricity) use by a central air conditioner, heat pump or furnace x Projected increase in efficiency (electricity) x Installation rate x Number of participants

⁶ Annual energy (electricity) use by a central air conditioner, heat pump or furnace x Projected increase in efficiency (electricity) x Installation rate x Number of participants x Product life

⁷ Annual energy (natural gas) use by a central air conditioner, heat pump or furnace x Projected increase in efficiency (natural gas) x Installation rate x Number of participants

⁸ Annual energy (natural gas) use by a central air conditioner, heat pump or furnace x Projected increase in efficiency (natural gas) x Installation rate x Number of participants x Product life

Projected Savings from First 9-watt LED Retrofit

LED Retrofit Inputs and Assumptions:

Product life:	25,000	hours ¹
Watts used by the LED light bulb:	9	watts ¹
Hours of operation per day:	2.81	hours per day ²
Watts used by the replaced incandescent light bulb:	55.96	watts ³
Installation / participation rate of:	56.35%	³
Number of participants:	8,977	³

Projected Electricity Savings:

The LED retrofit projects an annual reduction of:	243,655	kWh ^{2,4}
The LED retrofit projects a lifetime reduction of:	2,923,856	kWh ^{2,5}

¹ Provided by manufacturer.

² Frontier Associates. (2011). Oncor's LivingWise Program: Measurement & Verification Update.

³ Data reported by program participants.

⁴ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times \text{Hours of operation per day} \times 365 \text{ Days}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

⁵ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times 12 \text{ years}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

Projected Savings from Second 9-watt LED Retrofit

LED Retrofit Inputs and Assumptions:

Product life:	25,000	hours ¹
Watts used by the LED light bulb:	9	watts ¹
Hours of operation per day:	2.81	hours per day ²
Watts used by the replaced incandescent light bulb:	55.19	watts ³
Installation / participation rate of:	45.86%	³
Number of participants:	8,977	³

Projected Electricity Savings:

The LED retrofit projects an annual reduction of:	195,055	kWh ^{2,4}
The LED retrofit projects a lifetime reduction of:	2,340,661	kWh ^{2,5}

¹ Provided by manufacturer.

² Frontier Associates. (2011). Oncor's LivingWise Program: Measurement & Verification Update.

³ Data reported by program participants.

⁴ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times \text{Hours of operation per day} \times 365 \text{ Days}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

⁵ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times 12 \text{ years}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

Projected Savings from Third 9-watt LED Retrofit

LED Retrofit Inputs and Assumptions:

Product life:	25,000	hours ¹
Watts used by the LED light bulb:	9	watts ¹
Hours of operation per day:	2.81	hours per day ²
Watts used by the replaced incandescent light bulb:	54.96	watts ³
Installation / participation rate of:	39.03%	³
Number of participants:	8,977	³

Projected Electricity Savings:

The LED retrofit projects an annual reduction of:	165,169	kWh ^{2,4}
The LED retrofit projects a lifetime reduction of:	1,982,029	kWh ^{2,5}

¹ Provided by manufacturer.

² Frontier Associates. (2011). Oncor's LivingWise Program: Measurement & Verification Update.

³ Data reported by program participants.

⁴ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times \text{Hours of operation per day} \times 365 \text{ Days}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

⁵ $\{[(\text{Wattage of incandescent light bulb replaced} - \text{Wattage of LED light bulb}) \times 12 \text{ years}] \div 1,000\} \times \text{Number of participants} \times \text{Installation rate}$

Projected Savings from LED Night Light Retrofit

Energy Efficient Night Light Retrofit Inputs and Assumptions:

Average length of use:	4,380	hours per year ¹
Average night light uses:	7	watts
Retrofit night light uses:	0.5	watts
Product life:	10	years ²
Energy saved per year:	28	kWh per year
Energy saved over life expectancy:	285	kWh
Installation / participation rate of:	76.92%	³
Number of participants:	8,977	³

Projected Electricity Savings:

The Energy Efficient Night Light retrofit projects an annual reduction of:	196,581	kWh ⁴
The Energy Efficient Night Light retrofit projects a lifetime reduction of:	1,965,814	kWh ⁵

¹ Assumption (12 hours per day)

² Product life provided by manufacturer

³ Data reported by program participants

⁴ (kWh per year x Number of participants) x Installation rate

⁵ ((kWh per year x Number of participants) x Installation rate) x Effective useful life

Home Check-Up

1	What type of home do you live in?	
	Single Family Home (Mobile)	10%
	Single Family Home (Manufactured)	11%
	Single Family Home (Built)	65%
	Multi-Family (2-4 units)	7%
	Multi-Family (5-20 units)	4%
	Multi-Family (21+ units)	2%
2	Was your home built before 1992?	
	Yes	35%
	No	65%
3	Is your home owned or rented?	
	Owned	72%
	Rented	27%
4	How many kids live in your home (age 0-17)?	
	1	11%
	2	31%
	3	26%
	4	18%
	5+	14%
5	How many adults live in your home (age 18+)?	
	1	10%
	2	68%
	3	13%
	4	4%
	5+	5%
6	Does your home have a programmable outdoor sprinkler system?	
	Yes	68%
	No	32%
7	Does your home have a programmable thermostat?	
	Yes	79%
	No	19%

Due to rounding of numbers, percentages may not add up to 100%

Home Check-Up

(continued)

8 What is the main source of heating in your home?

Natural Gas	39%
Electric Heater	43%
Propane	5%
Heating Oil	1%
Wood	6%
Other	5%

9 What type of air conditioning unit do you have?

Central Air Conditioner	71%
Evaporative Cooler	7%
Room Unit	12%
Don't Have One	10%

10 Does your home have a Dishwasher?

Yes	84%
No	14%

11 How many half-bathrooms are in your home?

0	57%
1	36%
2	5%
3	2%
4+	1%

12 How many full bathrooms are in your home?

1	18%
2	58%
3	19%
4	5%
5+	1%

13 How many toilets are in your home?

1	13%
2	40%
3	37%
4	7%
5+	3%

14 How is your water heated?

Natural Gas	51%
Electricity	48%

Due to rounding of numbers, percentages may not add up to 100%

Home Activities

1 What is the flow rate of your old showerhead?	
0 - 1.0 GPM	13%
1.1 - 1.5 GPM	16%
1.6 - 2.0 GPM	18%
2.1 - 2.5 GPM	24%
2.6 - 3.0 GPM	18%
3.1+ GPM	11%
2 Did you install the new High-Efficiency Showerhead?	
Yes	33%
No	67%
3 If you answered "yes" to question 2, what is the flow rate of your new showerhead?	
0 - 1.0 GPM	26%
1.1 - 1.5 GPM	33%
1.6 - 2.0 GPM	41%
4 Did you use the Shower Timer?	
Yes	71%
No	29%
5 Did your family install the first 9-watt LED Light Bulb?	
Yes	56%
No	44%
6 If you answered "yes" to question 5, what is the wattage of the incandescent bulb you replaced?	
40-watt	14%
60-watt	36%
75-watt	19%
100-watt	12%
Other	19%
7 Did your family install the second 9-watt LED Light Bulb?	
Yes	46%
No	54%
8 If you answered "yes" to question 7, what is the wattage of the incandescent bulb you replaced?	
40-watt	13%
60-watt	37%
75-watt	21%
100-watt	10%
Other	20%

Due to rounding of numbers, percentages may not add up to 100%

Home Activities

(continued)

9 Did your family install the third 9-watt LED Light Bulb?	
Yes	39%
No	61%
10 If you answered "yes" to question 9, what is the wattage of the incandescent bulb you replaced?	
40-watt	17%
60-watt	32%
75-watt	23%
100-watt	9%
Other	19%
11 Did your family install the FilterTone [®] Alarm?	
Yes	29%
No	71%
12 How much did your family turn down the thermostat in winter for heating?	
1 - 2 Degrees	20%
3 - 4 Degrees	20%
5+ Degrees	13%
Didn't Adjust Thermostat	47%
13 How much did your family turn up the thermostat in summer for cooling?	
1 - 2 Degrees	20%
3 - 4 Degrees	21%
5+ Degrees	12%
Didn't Adjust Thermostat	46%
14 Did you install the LED Night Light?	
Yes	77%
No	23%
15 Did your family lower your water heater settings?	
Yes	25%
No	75%
16 Did your family raise the temperature on your refrigerator?	
Yes	23%
No	77%
17 Did you complete the optional online energy use activity?	
All of it	9%
Some of it	22%
None	68%

Due to rounding of numbers, percentages may not add up to 100%

Home Activities

(continued)

18 Did you work with your family on this Program?	
Yes	61%
No	39%
19 Did your family change the way they use water?	
Yes	54%
No	46%
20 Did your family change the way they use energy?	
Yes	59%
No	41%
21 How would you rate the Idaho Power EnergyWise® Program?	
Great	48%
Pretty Good	40%
Okay	8%
Not So Good	3%

Due to rounding of numbers, percentages may not add up to 100%

Teacher Program Evaluation Data

Total Teachers Returning Student Surveys	69	
Total Teachers Returning Teacher Evaluations	54	
1 The materials were clearly written and well organized.	Number	Percent
Strongly Agree	42	78%
Agree	11	20%
Disagree	1	2%
Strongly Disagree	0	0%
2 The products in the Kit were easy for students to use.		
Strongly Agree	34	63%
Agree	18	33%
Disagree	2	4%
Strongly Disagree	0	0%
3 Students indicated that their parents supported the program.		
Yes	51	94%
No	3	6%
4 Would you conduct this Program again?		
Yes	54	100%
No	0	0%
5 Would you recommend this program to other colleagues?		
Yes	54	100%
No	0	0%
6 If my school is eligible for participation next year, I would like to enroll.		
Yes	54	100%
No	0	0%

Due to rounding of numbers, percentages may not add up to 100%

Teacher Comment Data

(continued from page 22)

What did students like best about the program? Explain.

"Getting the night light and installing light bulbs."

MaryJo Pegram, Birch Elementary School

"The students liked the kit and also the classroom activities."

Juilana Lookhart, Birch Elementary School

"They enjoyed the activities the most."

Brenda Fly, Birch Elementary School

"They enjoyed changing out the light bulbs and showerheads at home."

Gina Fuerguson, Birch Elementary School

"The students enjoyed the shower timer from the kit, they thought it was a game."

Andrea Chester, West Canyon Elementary

"Students really connected with the materials and lessons."

Angela Zweifel, Hunter Elementary School

"My students this year enjoyed learning about the water cycle."

Jackie Sodaro, Desert Springs Elementary School

"The kit and activities from the student handbook."

Janelle Smith, Desert Springs Elementary School

"Students loved the kits. They also liked the discussions with the student guide and wish there was more time for other activities."

Janice Cook, Desert Springs Elementary School

What did you like best about the program? Explain.

"How organized and easy to use it is!"

Cassie Royse, Filer Intermediate School

"The students enjoying the open discussion format. The students were engaged and continually used vocabulary words for their reading."

Marie Rockwood, Melba Elementary

"Standards based program. Easy to use materials."

Kelli Clark, Filer Intermediate School

Parent Program Evaluation Data

Total Parent Responses	20	
1 Was the Program easy for you and your child to use?	Number	Percent
Yes	20	100%
No	0	0%
2 Will you continue to use the Kit items after the completion of the Program?		
Yes	20	100%
No	0	0%
3 Would you like to see this Program continued in local schools?		
Yes	20	100%
No	0	0%

Teacher Letters

(continued from page 26)

Dear Idaho Power,

Thank you for your support in our business of education! The students loved having the opportunity to participate in this opportunity! The students loved the engaging activities involved in this curriculum. They also liked the items they took home. The students learned more about how to conserve energy and how it saves our planet to conserve energy.

I learn something new every time we use this curriculum, so it was a learning opportunity for me as well. I was able to learn that small things we do can contribute to the amount of energy we use every day. I was shocked with how much energy I have saved from following the steps in your program! I have already seen noticeable changes in my energy bill for the past couple months!

Once again, thank you for your support; it helps us to give the students a new experience with science, and putting it into perspective. Connecting science to everyday life is so important in the learning process!

Signed,

Caitlyn McConnell

4th Grade

Lewis and Clark Elementary



Teacher Letters

(continued)

Dear Idaho Power,

Thank you for your support in our business of education! The students loved having the opportunity to participate in this opportunity! The students loved the engaging activities involved in this curriculum. They also liked the items they took home. The students learned more about how to conserve energy and how it saves our planet to conserve energy.

I learn something new every time we use this curriculum, so it was a learning opportunity for me as well. I was able to learn that small things we do can contribute to the amount of energy we use every day. I was shocked with how much energy I have saved from following the steps in your program! I have already seen noticeable changes in my energy bill for the past couple months!

Once again, thank you for your support; it helps us to give the students a new experience with science, and putting it into perspective. Connecting science to everyday life is so important in the learning process!

Signed,

Megan Willard

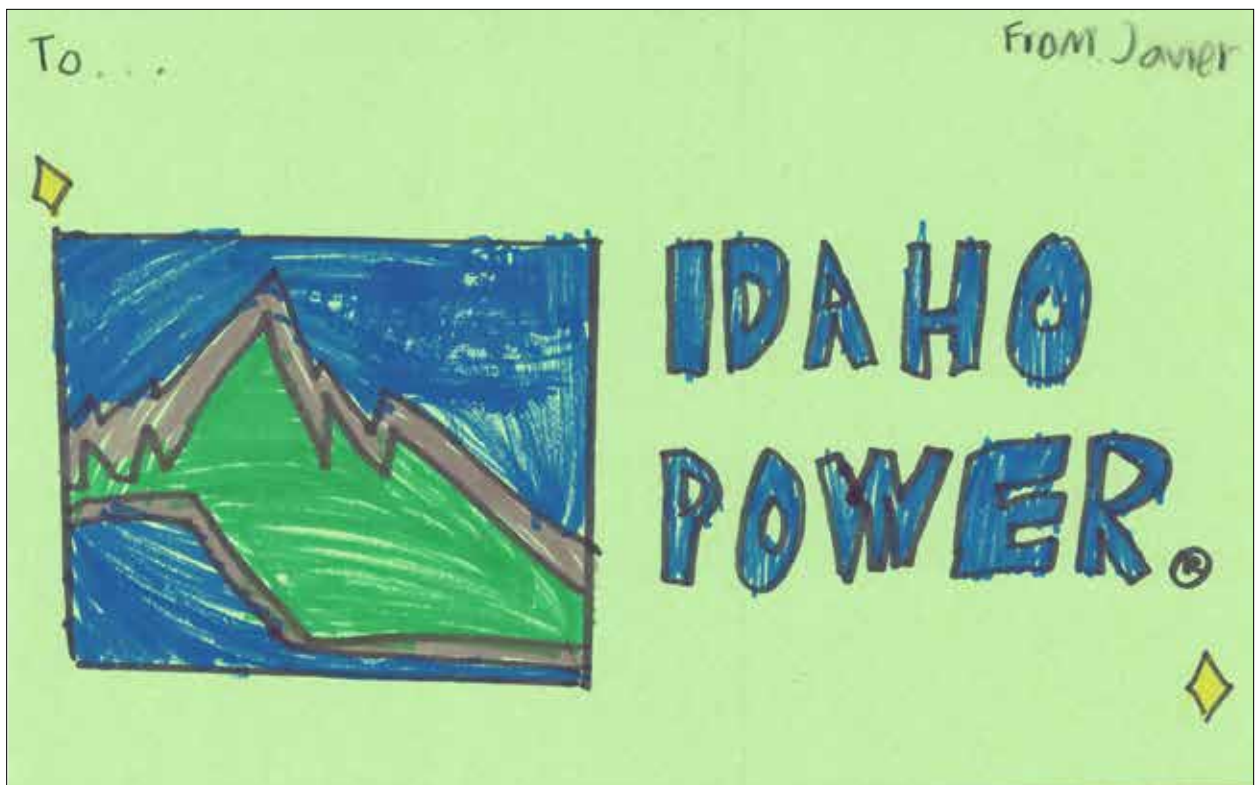
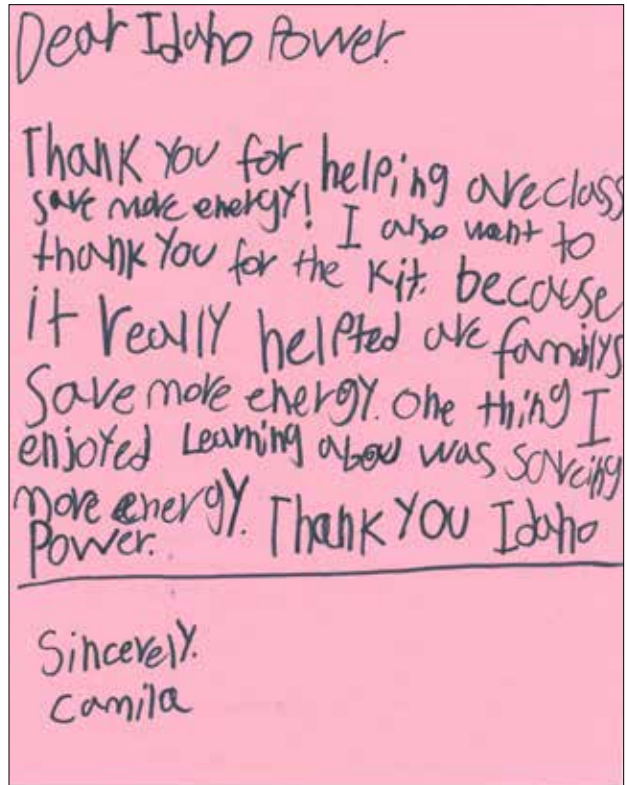
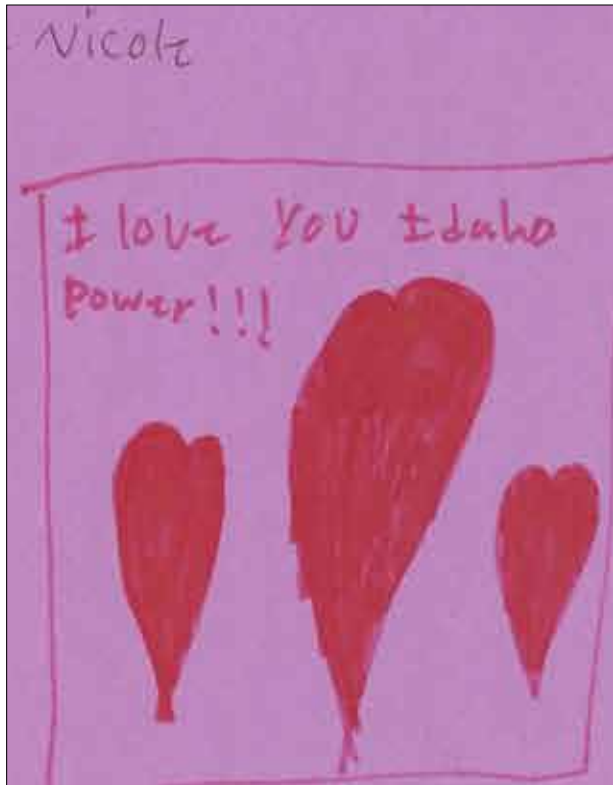
A handwritten signature in blue ink that reads "Megan Willard". The signature is written in a cursive, flowing style.

4th Grade

Lewis and Clark Elementary

Student Letters

(continued from page 30)



Student Letters

(continued)

Dear Idaho power,

Thank you for helping our class be energy wise! I also want to say thank you for the energy wise kit because it helped me be energy wise about more things. I also enjoyed the shower timer it helped me be more responsible how long I take a shower. One thing I learned was that waste can take/be energy.

Sincerely,
Brooklyn

Dear, Idaho Power

Thank you for helping our class be energy wise! I also want to say thank you for the energy wise kit because it was really helpful for our energy. I also enjoyed the 3d light bulb because it saves our light bulb energy. One thing I enjoyed learning about was the energy wise kit and I liked the bracelet

Thank you again
Sincerely,
JoZueh

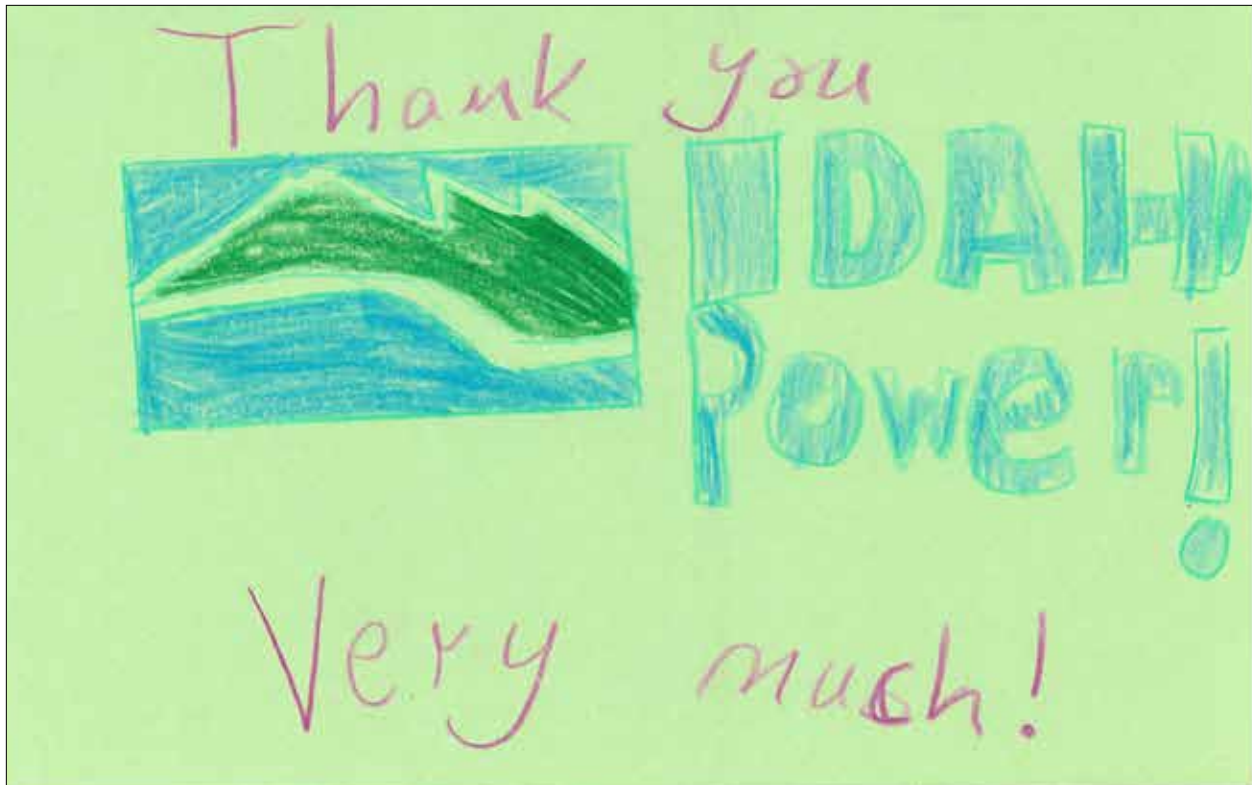
Dear Idaho Power,

Thank you for helping our class

Be energy wise! I also want to say thank you for the shower timer, because it help save water, one thing I enjoyed learning about save water Sincerely

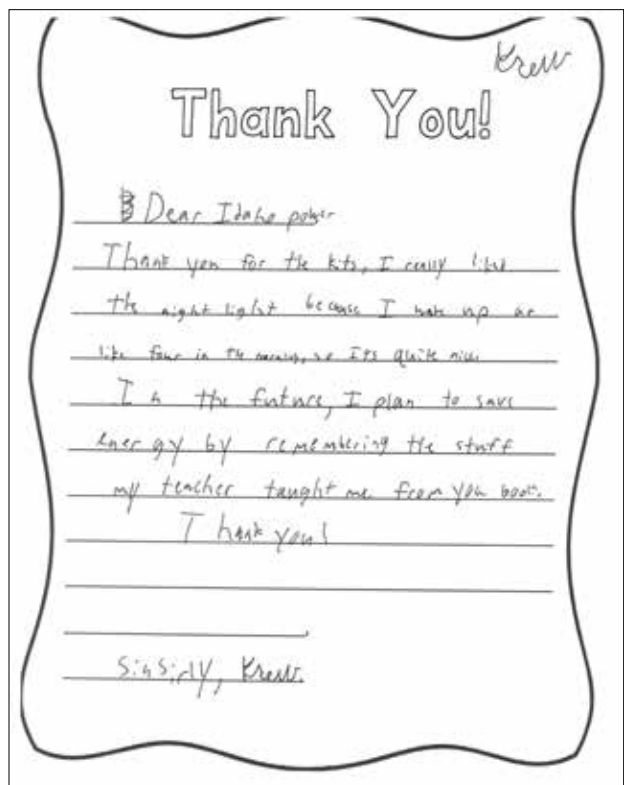
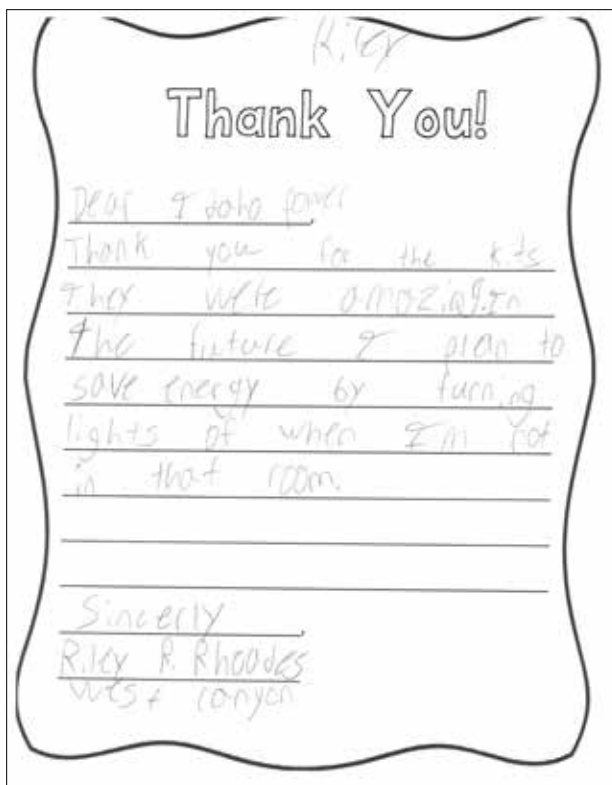
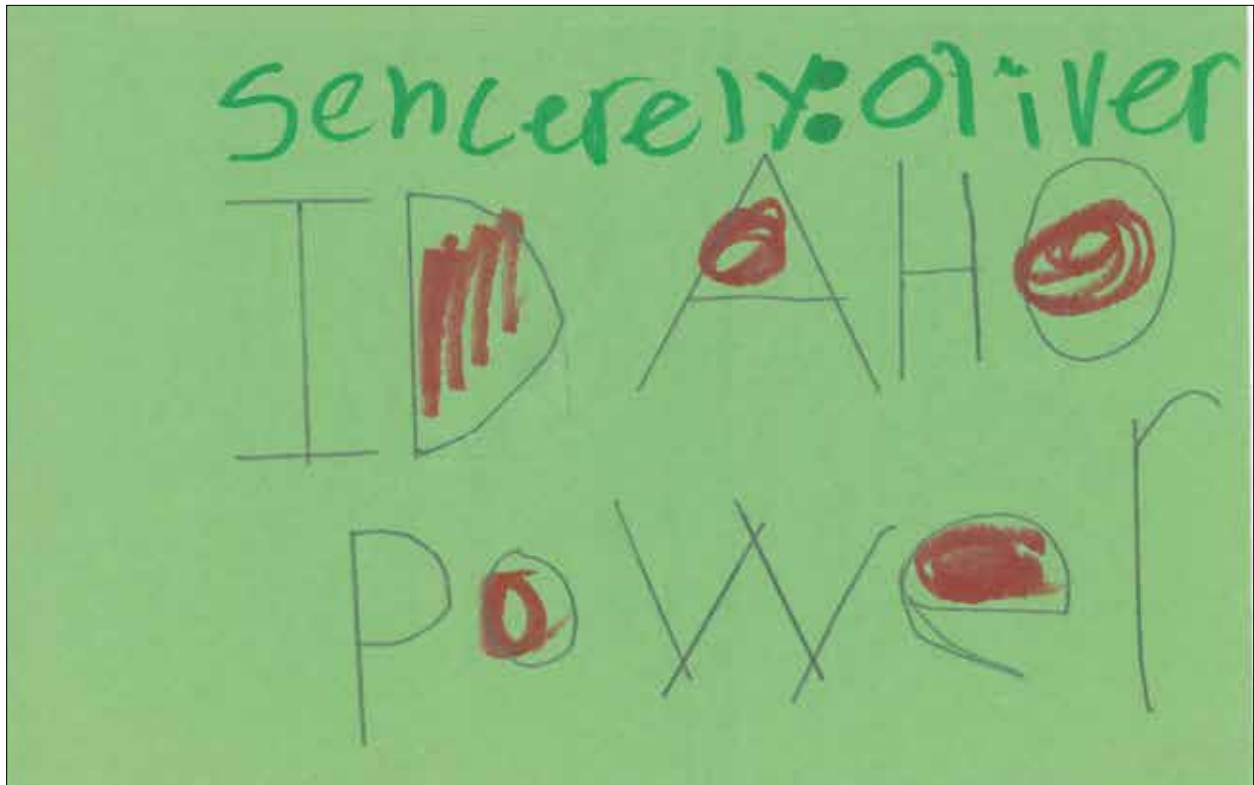
Student Letters

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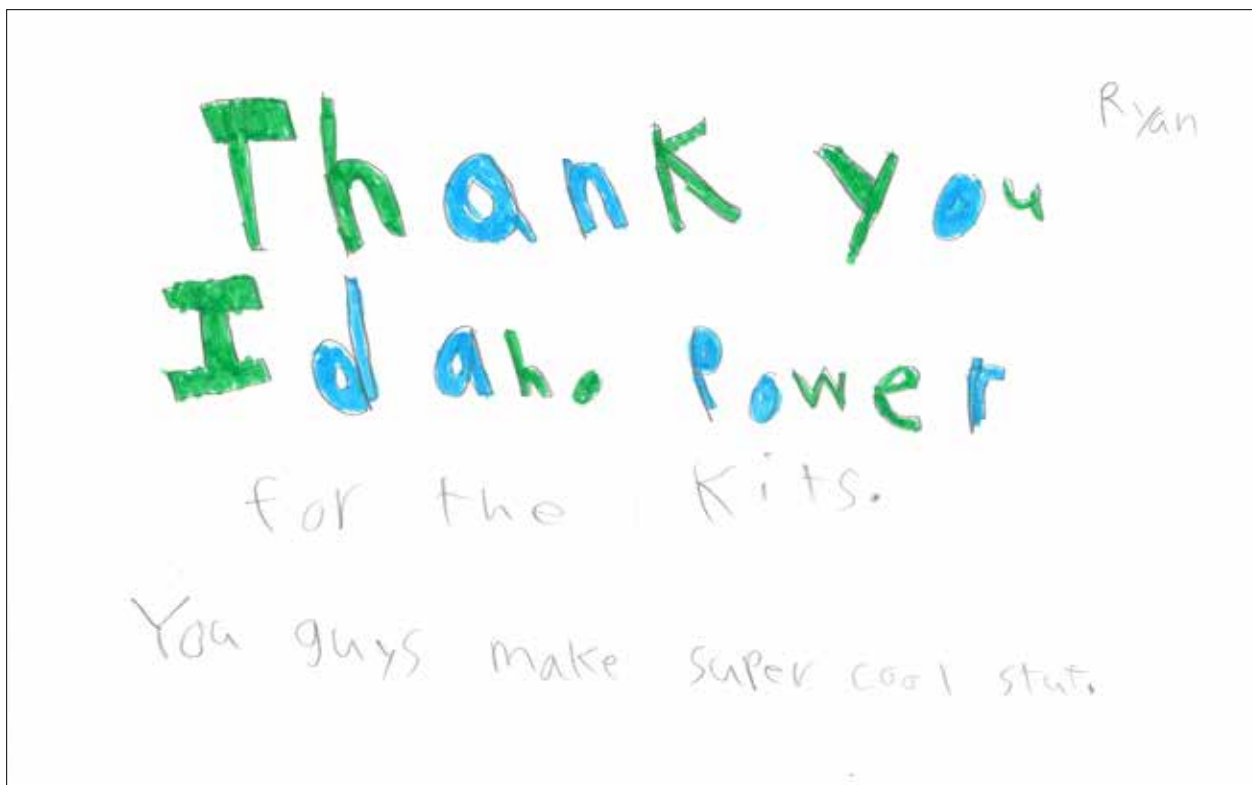
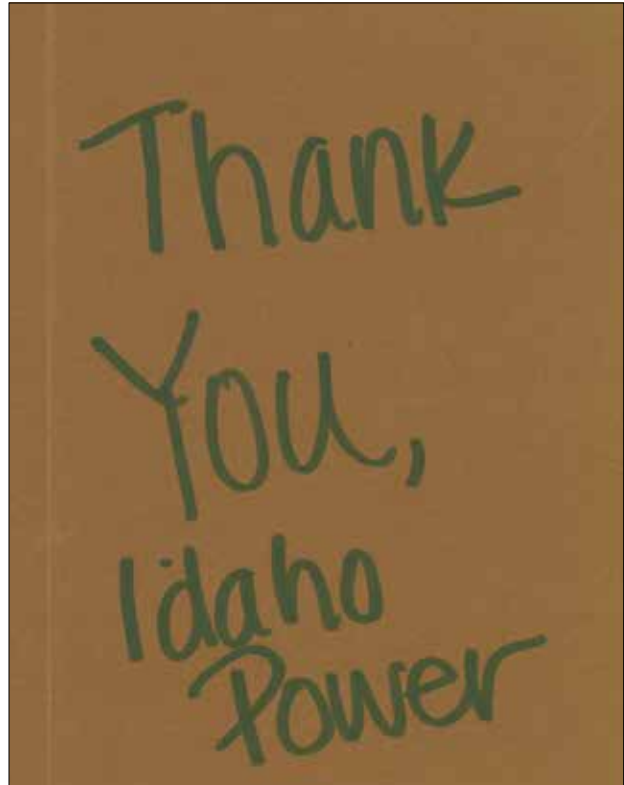
Student Letters

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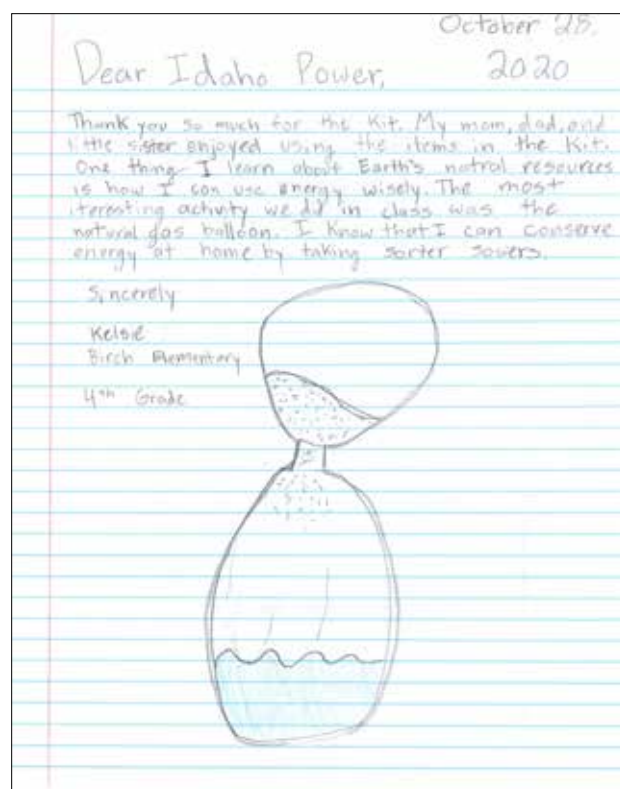
Student Letters

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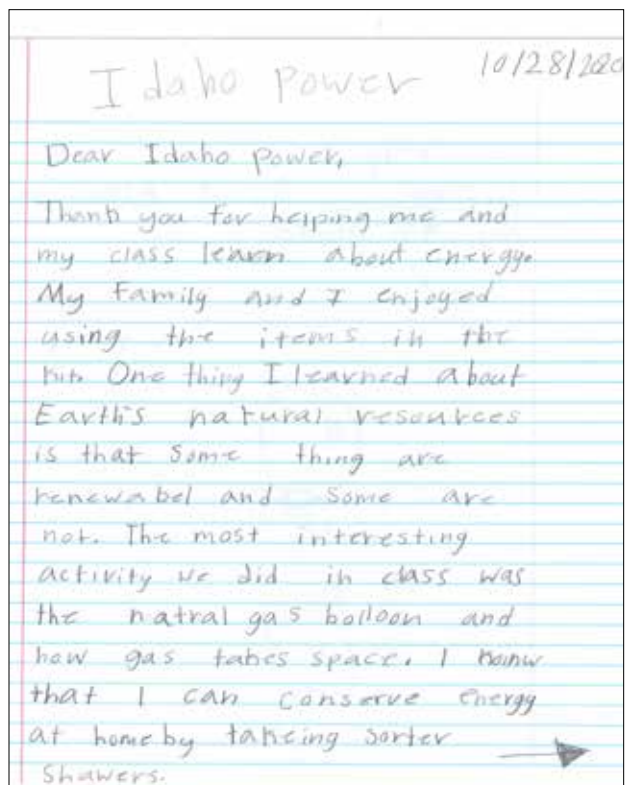
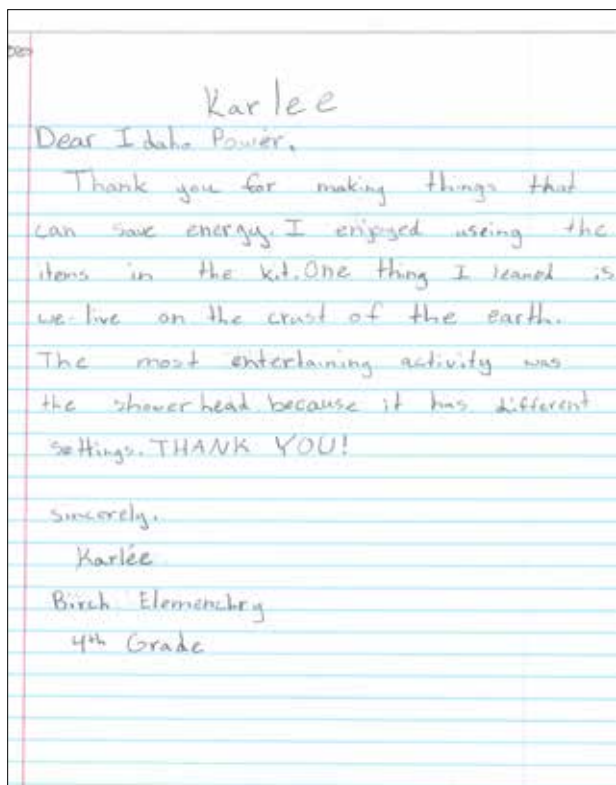
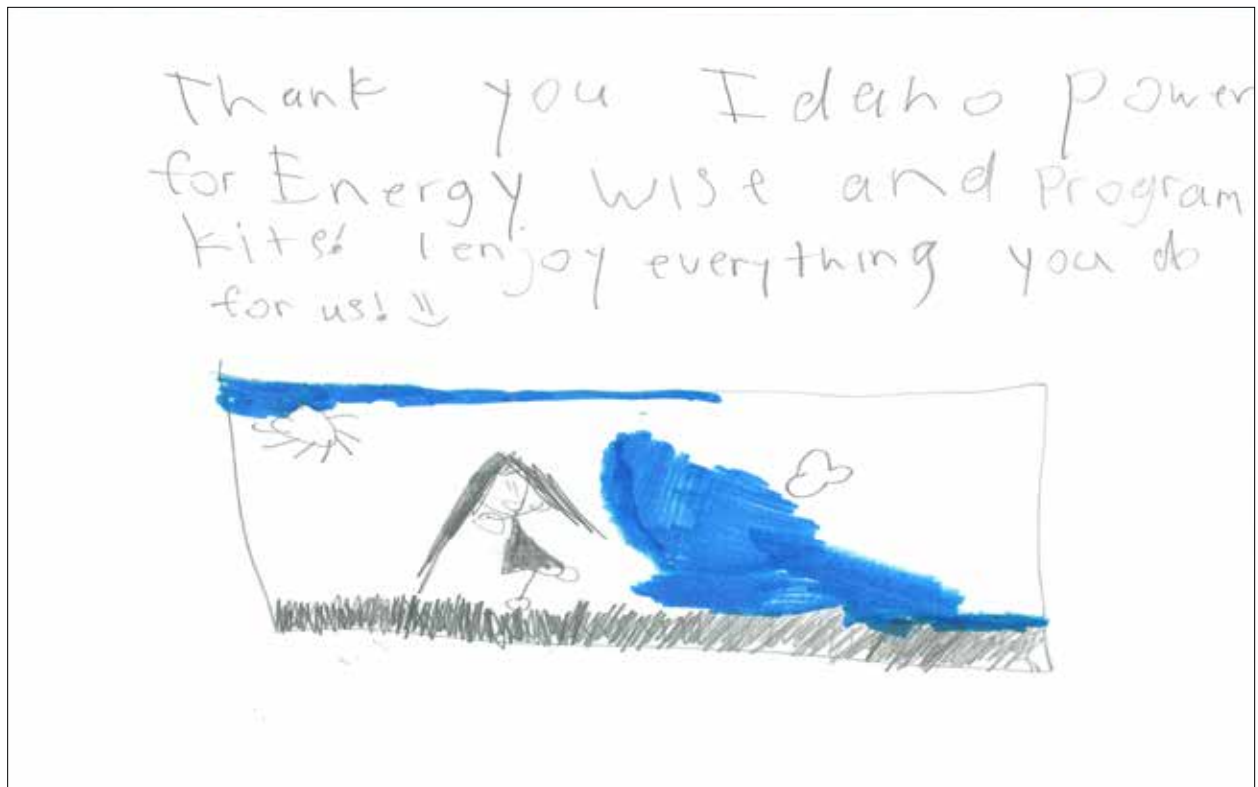
Student Letters

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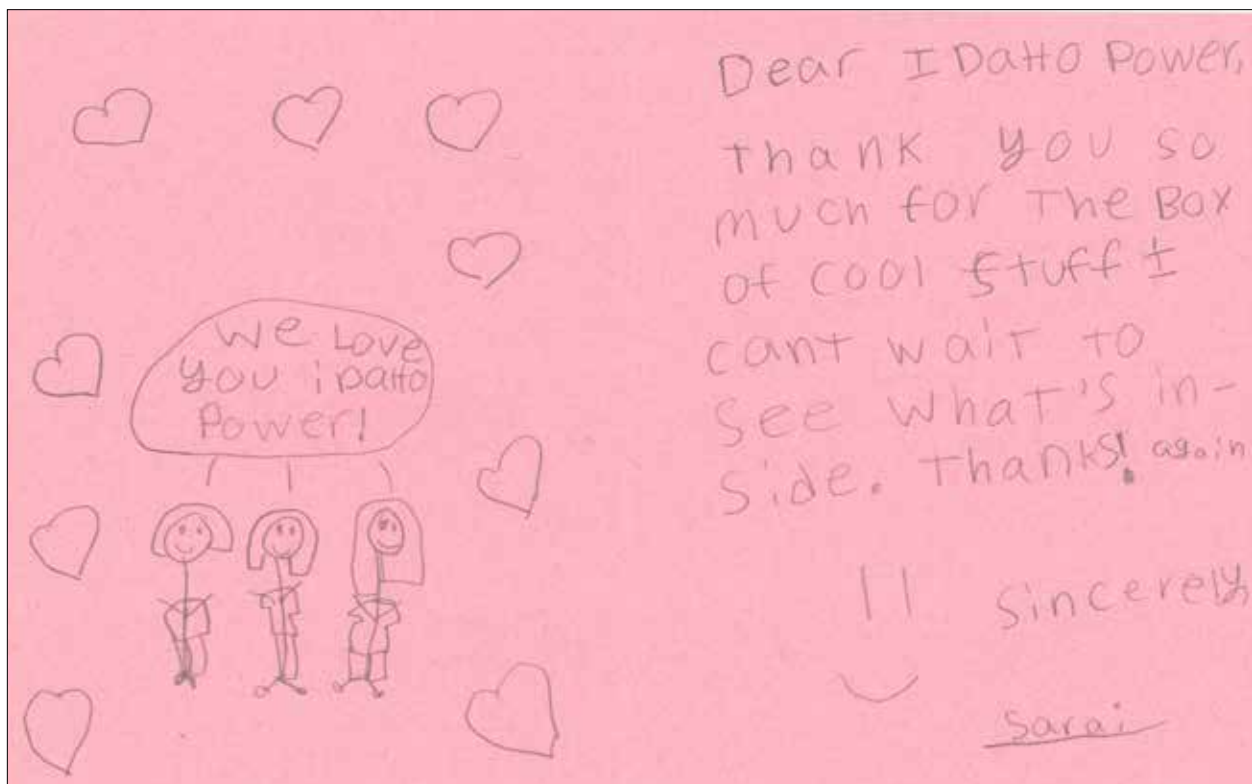
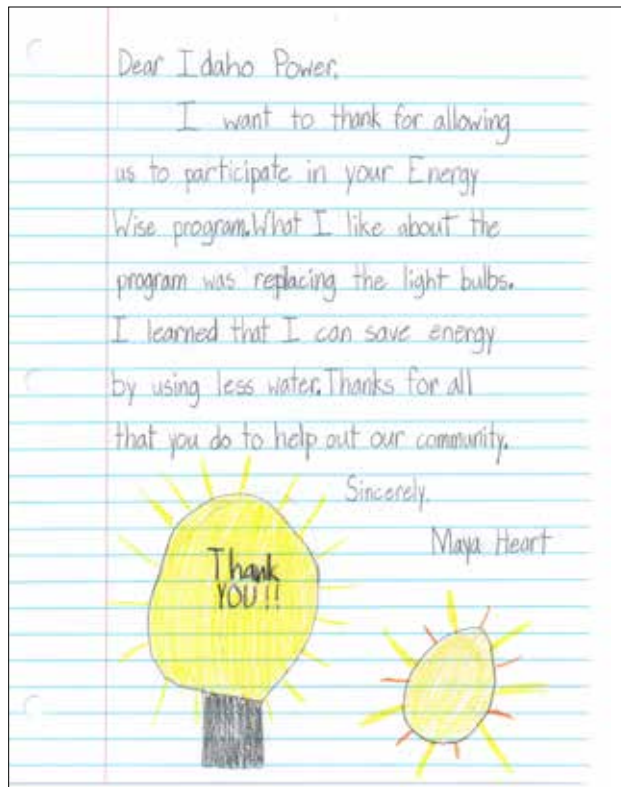
Student Letters

(continued)



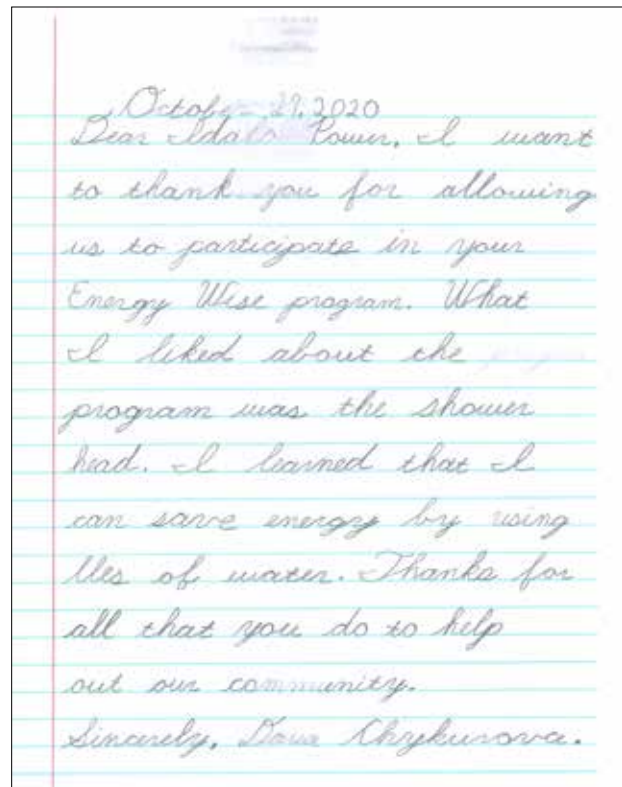
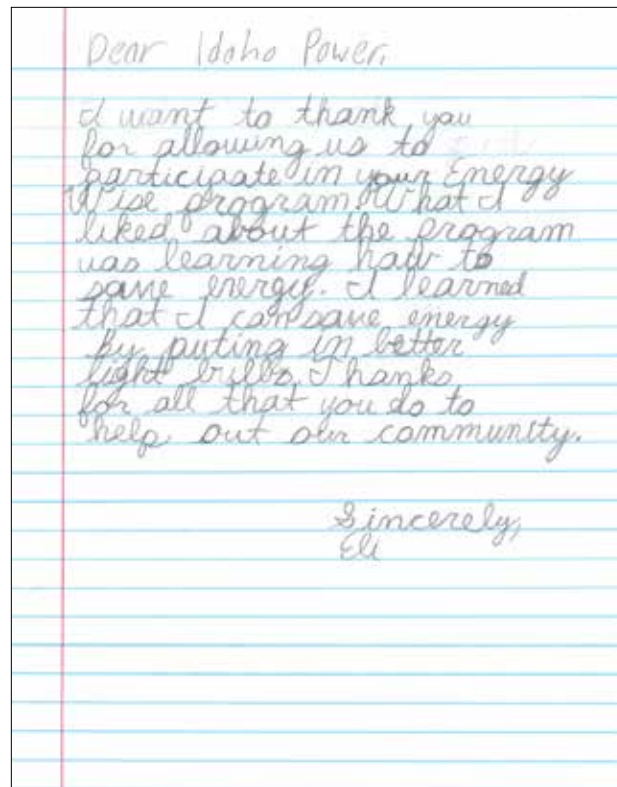
Student Letters

(continued)



Student Letters

(continued)



Participant List

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Amity Elementary School	Shirley Bryant	1	22	No
Capital	Amity Elementary School	Jeff Hansen	1	18	No
Capital	Amity Elementary School	Sharon Shaw	1	18	No
Western	Annex Charter School	Dean Seward	1	6	No
Capital	Barbara Morgan STEM Academy	Jami Alties	1	27	No
Capital	Barbara Morgan STEM Academy	Adam Burwell	1	26	No
Capital	Barbara Morgan STEM Academy	Ricky Clark	1	23	No
Capital	Barbara Morgan STEM Academy	Lindsey Corey	1	26	No
Capital	Barbara Morgan STEM Academy	Brian Holden	1	28	No
Capital	Barbara Morgan STEM Academy	Jamie Schildknecht	1	27	No
Canyon	Birch Elementary School	Brenda Fly	1	21	Yes
Canyon	Birch Elementary School	Gina Fuerguson	1	21	Yes
Canyon	Birch Elementary School	Juilana Lookhart	1	24	Yes
Canyon	Birch Elementary School	MaryJo Pegram	1	21	Yes
Southern	Buhl Middle School	Caroline Barger	1	103	No
Western	Burnt River School	Tracie Oliver	1	11	No
Western	Cambridge Elementary School	Rich Hollon	1	16	No
Southern	Castleford Elementary School	Carrie March	1	28	No
Canyon	Centennial Elementary School	Doris Atherton	1	20	No
Canyon	Centennial Elementary School	Diane Gharring	1	23	No
Canyon	Centennial Elementary School	Jamie Hoesing	1	21	No
Canyon	Central Canyon Elementary School	Amy Allmaras	1	23	No
Canyon	Central Canyon Elementary School	Alisha Creelman	1	22	No
Canyon	Central Canyon Elementary School	Tahnee Freeman	1	22	No
Canyon	Central Canyon Elementary School	Allyson Sanchez	1	23	No
Canyon	Central Elementary School	Aubrey Crisp	1	20	Yes
Canyon	Central Elementary School	Patty McMahon	1	17	No
Canyon	Central Elementary School	April Wesley	1	20	No

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Chief Joseph School Of The Arts	Linda Conry	1	25	Yes
Capital	Chief Joseph School Of The Arts	Kimberly Honea	1	26	No
Capital	Chief Joseph School Of The Arts	Julie Pantenburg	1	26	No
Eastern	Claude A. Wilcox Elementary School	Lacie Christensen	1	25	No
Eastern	Claude A. Wilcox Elementary School	Monique Gannon	1	26	No
Eastern	Claude A. Wilcox Elementary School	Tricia Hemsley	1	26	No
Capital	Cole Valley Christian Schools	Melissa Thompson	1	75	No
Western	Community Collaborative Homeschool Co-op	Kimberly Bowers	1	12	No
Western	Community Collaborative Homeschool Co-op	Kimberly Bowers	1	14	No
Capital	Compass Public Charter School	Julie Maynard	1	120	No
Western	Council Elementary School	Brenna Cada	1	22	No
Canyon	Desert Springs Elementary School	Janice Cook	1	25	Yes
Canyon	Desert Springs Elementary School	Stacey Pearson	1	25	Yes
Canyon	Desert Springs Elementary School	Janelle Smith	1	25	Yes
Canyon	Desert Springs Elementary School	Jackie Sodaro	1	25	Yes
Capital	Desert View Christian School	Anita Brown	1	10	No
Eastern	Donald D. Stalker Elementary School	Lisa Clark	1	3	No
Eastern	Donald D. Stalker Elementary School	LaNita McRae	1	3	No
Western	Donnelly Elementary	Brakae Campbell	1	15	No
Western	Drewsey Elementary School	Jodi Miller	1	8	No
Capital	Eagle Hills Elementary School	Noell Bautista	1	30	No
Capital	Eagle Hills Elementary School	Jillian Cole	1	30	Yes
Capital	Eagle Hills Elementary School	Brian Fischer	1	30	No
Capital	Eagle Hills Elementary School	Samantha Purcell	1	25	Yes
Capital	Eliza Hart Spalding Elementary School	Shawna Brenna	1	22	No
Capital	Eliza Hart Spalding Elementary School	Brian Jensen	1	24	No
Capital	Eliza Hart Spalding Elementary School	Krista Johnson	1	26	No

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Eliza Hart Spalding Elementary School	Sarah Williams	1	25	No
Canyon	Endeavor School	Holly Picard	1	66	No
Canyon	Falcon Ridge Charter	Patti Covell	1	34	No
Southern	Filer Elementary School	Stacie Beem	1	22	No
Southern	Filer Elementary School	Tina Black	1	21	Yes
Southern	Filer Elementary School	Jo Borup	1	21	No
Southern	Filer Elementary School	Trent Cline	1	24	No
Southern	Filer Elementary School	Andrea Garner	1	23	No
Southern	Filer Intermediate School	Kelli Clark	1	25	Yes
Southern	Filer Intermediate School	Robyn Flint	1	23	No
Southern	Filer Intermediate School	Kelly Grayson	1	26	No
Southern	Filer Intermediate School	Katelynn Hulsey	1	25	No
Southern	Filer Intermediate School	Anna Rife	1	27	No
Southern	Filer Intermediate School	Cassie Royse	1	25	Yes
Southern	Filer Intermediate School	Kara Smith	1	24	No
Southern	Filer Intermediate School	Sarah Wendell	1	24	No
Southern	Filer Intermediate School	Leslie Wheeler	1	25	No
Capital	Forge International School	Caitlin Holzapple	1	50	No
Eastern	Fort Hall Elementary School	Ryan Rosenfeld	1	20	Yes
Eastern	Fort Hall Elementary School	Tyler Wood	1	25	No
Canyon	Freemont Middle School	Heather Griffith	1	60	No
Canyon	Freemont Middle School	Erin Laughlin	1	83	No
Capital	Frontier Elementary	Mary Allen	1	23	No
Capital	Frontier Elementary	Jenny Clark	1	23	No
Western	Fruitland Middle School	Jaris Lewis	1	30	Yes
Western	Fruitland Middle School	Alison Parrott	1	28	No
Western	Fruitland Middle School	Chance Stringer	1	28	No
Western	Fruitland Middle School	Lisa Tes	1	28	No

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Western	Fruitland Middle School	Aubrey Wilson	1	28	No
Western	Garden Valley Elementary	Jan Ward	1	27	No
Eastern	Gem Prep Pocatello	Mallory England	1	25	No
Eastern	Gem Prep Pocatello	Rebecca Hart	1	25	No
Capital	Glenns Ferry Elementary	Michael Price	1	19	No
Capital	Glenns Ferry Middle School	Liza Martin	1	40	No
Southern	Gooding Elementary/Middle School	Julynn Dillard	1	25	No
Southern	Gooding Elementary/Middle School	Dakota Dodge	1	25	No
Southern	Gooding Elementary/Middle School	Kate Rippee	1	25	No
Eastern	Green Acres Elementary School	Rachel Thomas	1	21	No
Eastern	Green Acres Elementary School	Kathy Walker	1	21	Yes
Eastern	Groveland Elementary	Kaitlin Hall	1	20	No
Eastern	Groveland Elementary	Megan Thornley	1	20	No
Southern	Hagerman Elementary School	Melissa Kast	1	20	No
Western	Haines Elementary School	Mary Black	1	10	No
Southern	Hansen Elementary School	Mike Rush	1	25	No
Western	Harper Charter School	Carman Lovell	1	16	No
Western	Harper Charter School	Marie Torland	1	20	No
Southern	Harrison Elementary School	Corissa Johns	1	25	No
Southern	Harrison Elementary School	Chelsea Kelly	1	25	Yes
Canyon	Heritage Community Charter	Martha Jones	1	30	No
Canyon	Heritage Community Charter	Sarah Mead	1	30	No
Capital	Hidden Springs Elementary School	Sonja Smith	1	24	No
Capital	Highlands Elementary School	Gretchen Carter	1	9	No
Capital	Hillcrest Elementary School	Janet Howell	1	24	No
Capital	Hillcrest Elementary School	Jesse Randolph	1	24	No
Capital	Hillsdale Elementary School	Angie Fraas	1	30	Yes
Capital	Hillsdale Elementary School	Hannah Kessler	1	30	Yes

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Hillsdale Elementary School	Michelle Montoya	1	30	Yes
Capital	Hillsdale Elementary School	Jocelyn Robinson	1	30	No
Southern	Hollister Elementary	Susan Hamby	1	18	Yes
Eastern	Holy Spirit Catholic School	Faith Rudebusch	1	36	No
Western	Homedale Elementary	Nicole Rennaker	1	24	No
Southern	Horizon Elementary School	Gayle Butts	1	20	No
Southern	Horizon Elementary School	Michelle Powell	1	22	No
Western	Horseshoe Bend Elementary School	Laura Johnsen	1	16	No
Capital	Hunter Elementary School	Rene Bilkiss	1	30	Yes
Capital	Hunter Elementary School	Diane Escandon	1	30	Yes
Capital	Hunter Elementary School	Rebecca Lenon	1	25	No
Capital	Hunter Elementary School	Angela Zweifel	1	30	Yes
Western	Huntington School	Sterling McKinney	1	9	No
Southern	I.B. Perrine Elementary School	Layne Ficklin	1	25	No
Southern	I.B. Perrine Elementary School	Teresa Finch	1	25	No
Southern	I.B. Perrine Elementary School	Carli Moffitt	1	25	No
Southern	Immanuel Lutheran School	Candance Jensen	1	15	No
Canyon	Indian Creek & Ross Elementary School	Rachel Cyr	1	26	Yes
Canyon	Indian Creek & Ross Elementary School	Katie Harding	1	26	Yes
Canyon	Indian Creek & Ross Elementary School	Alyssa Hutchins	1	26	No
Canyon	Indian Creek & Ross Elementary School	Yvette Marshall	1	26	No
Capital	Inspire Virtual Charter School	Nikki Briggs	1	150	No
Capital	Joplin Elementary School	Kirsten Grover	1	54	No
Western	Kenneth Carberry Elementary School	Alissa Combe	1	29	No
Western	Kenneth Carberry Elementary School	Karen Nichols	1	29	No
Western	Kenneth Carberry Elementary School	Paige Parker	1	27	Yes
Western	Kenneth Carberry Elementary School	Katrina Savitz	1	29	No

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Southern	Kimberly Elementary School	Rachelle Mueller	1	75	No
Canyon	Lake Ridge Elementary School	Deanna Menssen	1	25	Yes
Canyon	Lake Ridge Elementary School	Tanya Scheibe	1	25	No
Canyon	Lake Ridge Elementary School	Amy Taylor	1	25	Yes
Canyon	Lake Ridge Elementary School	Laura VanDerschaaf	1	26	No
Canyon	Lewis & Clark Elementary	Caitlyn McConnell	1	16	Yes
Canyon	Lewis & Clark Elementary	Adam Trowbridge	1	16	Yes
Canyon	Lewis & Clark Elementary	Meghan Willard	1	16	Yes
Eastern	Lewis and Clark Elementary	John Anderson	1	22	No
Eastern	Lewis and Clark Elementary	Stacy Briner	1	22	Yes
Eastern	Lewis and Clark Elementary	Tamara Palmer	1	22	Yes
Capital	Longfellow Elementary School	Julie Albert	1	16	Yes
Capital	Longfellow Elementary School	Toni Novotny	1	15	No
Capital	Mary McPherson Elementary School	Jackie K.	1	30	No
Capital	Mary McPherson Elementary School	Dusti Steiner	1	30	No
Capital	Mary McPherson Elementary School	Derek Wilber	1	28	No
Western	May Roberts Elementary School	Katherine Burke	1	25	No
Western	McCain Middle School	John Graversen	1	80	No
Western	McCain Middle School	Joyann Williams	1	120	No
Capital	McMillan Elementary School	Judie Bradburn	1	18	No
Capital	McMillan Elementary School	Cerridwen Tesch	1	18	No
Canyon	Melba Elementary	Stephanie Gunstream	1	24	Yes
Canyon	Melba Elementary	Marie Rockwood	1	22	Yes
Canyon	Melba Elementary	Katie Strawser	1	24	Yes
Canyon	Mill Creek Elementary School	Lindsey Burgess	1	20	No
Canyon	Mill Creek Elementary School	Lyna Butler	1	23	Yes
Canyon	Mill Creek Elementary School	Stephani Little	1	20	Yes
Canyon	Mill Creek Elementary School	Jill Mesecher	1	22	Yes

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Canyon	Mill Creek Elementary School	Staci Miller	1	20	Yes
Capital	Monroe Elementary School	Krista Anderson	1	8	No
Capital	Monroe Elementary School	Kari Cluff	1	22	No
Capital	Monroe Elementary School	Mitch Fiderlick	1	19	No
Capital	Morley Nelson Elementary School	Alisha Coy	1	25	No
Capital	Morley Nelson Elementary School	AnnaMarie Schafer	1	25	No
Canyon	Nampa Christian School	Zachary Dwello	1	56	No
Capital	North Elementary	Rosemary Ash	1	24	Yes
Capital	North Elementary	Sherri Redmond	1	24	Yes
Capital	North Elementary	Denise Weis	1	24	No
Western	Nyssa Elementary School	Carrie Aguas	1	23	No
Western	Nyssa Elementary School	Paula Barnhart	1	18	No
Western	Nyssa Elementary School	Tricia Book	1	18	No
Western	Nyssa Elementary School	Rachelle Phillips	1	18	No
Western	Nyssa Elementary School	Miguel Segura	1	23	No
Southern	Oakley Elementary School	Rose Marie Warrell	1	16	Yes
Western	Park Intermediate	Kathleen Cahill	1	24	No
Western	Park Intermediate	Trent Jones	1	24	No
Western	Park Intermediate	Emily McLeod	1	24	No
Western	Park Intermediate	Jessica Mosley	1	24	No
Western	Park Intermediate	Grace Sharp	1	24	No
Canyon	Park Ridge Elementary School	Courtney Craner	1	36	Yes
Canyon	Park Ridge Elementary School	Misty Oakes	1	33	No
Canyon	Park Ridge Elementary School	Camille Trent	1	33	No
Western	Parma Middle School	Debbie Kelly	1	72	No
Capital	Peregrine Elementary School	Barbara Nesbit	1	23	No
Capital	Peregrine Elementary School	Carri Thornburg	1	22	Yes

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Western	Pine Eagle Elementary School	Whitney Chandler	1	18	No
Capital	Pioneer School Of The Arts	Nadine Bennett	1	26	No
Capital	Pioneer School Of The Arts	Anissa Bramlet	1	26	No
Capital	Pioneer School Of The Arts	Brent Jons	1	26	No
Capital	Pioneer School Of The Arts	Cindy Potts	1	26	No
Southern	Popplewell Elementary School	Cathy Butenschoen	1	29	No
Southern	Popplewell Elementary School	Olivia Byers	1	25	No
Southern	Popplewell Elementary School	Bill Clements	1	25	No
Southern	Popplewell Elementary School	Melinda Fontana	1	25	No
Capital	Prospect Elementary	Daly Hull	1	28	No
Capital	Prospect Elementary	Sophia Roe	1	28	Yes
Capital	Prospect Elementary	Kit Shuman	1	28	No
Capital	Prospect Elementary	Sharleen Thurston	1	28	Yes
Canyon	Purple Sage Elementary School	Shalynn Carpenter	1	30	No
Canyon	Purple Sage Elementary School	Melissa McPherson	1	23	Yes
Canyon	Purple Sage Elementary School	Katie Ward	1	24	Yes
Southern	Raft River Elementary School	Jordan Truman	1	30	No
Southern	Richfield School	Kelly Leguineche	1	16	Yes
Eastern	Ridge Crest Elementary School	Jacalyn Bombard	1	23	No
Western	Riggins Elementary School	Laura Merabelle	1	13	No
Capital	Riverside Elementary School	Brooke Andrews	1	25	No
Capital	Riverside Elementary School	Christina Widner	1	25	No
Capital	Rolling Hills Public Charter	Rachel Stewart	1	30	No
Capital	Rolling Hills Public Charter	Rachel Stewart	1	60	No
Canyon	Ronald Reagan Elementary School	Ella Curtis	1	30	No
Canyon	Ronald Reagan Elementary School	Nicole Kemp	1	30	No
Canyon	Ronald Reagan Elementary School	Lisa Martell	1	17	No
Capital	Sacred Heart School - Boise	Maria Joyce	1	25	No

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Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Sacred Heart School - Boise	Naomi Kerns	1	19	No
Capital	Sage International School of Boise	Ryan Freers	1	46	No
Capital	Sage International School of Boise	Bryce Mercer	1	55	No
Southern	Sawtooth Elementary School	Tracie Jones	1	25	No
Southern	Sawtooth Elementary School	Mary Rios	1	25	No
Southern	Sawtooth Elementary School	Karen Wach	1	25	No
Capital	Shadow Hills Elementary School	Jillian Greer	1	25	No
Capital	Shadow Hills Elementary School	Janell Irwin	1	25	No
Capital	Shadow Hills Elementary School	Christy Schwehr	1	25	No
Capital	Shadow Hills Elementary School	Jill Vines	1	25	No
Southern	Shoshone Elementary School	Denice Christiansen	1	44	No
Capital	Siena Elementary School	Jennifer Shirley	1	20	No
Canyon	Silver Trail Elementary School	Kim Birkinbine	1	27	Yes
Canyon	Silver Trail Elementary School	Dan Hoehne	1	30	No
Canyon	Silver Trail Elementary School	Allison Silsby	1	30	No
Canyon	Skyway Elementary School	Mark Elli	1	28	No
Canyon	Skyway Elementary School	Michelle Hammond	1	28	No
Canyon	Skyway Elementary School	Elizabeth Pierce	1	28	No
Canyon	Skyway Elementary School	Casi Spengler	1	28	No
Canyon	Skyway Elementary School	Jamie Warren	1	28	No
Canyon	Snake River Elementary	Heather Packer	1	17	No
Canyon	Snake River Elementary	Matea Schindel	1	17	No
Canyon	Snake River Elementary	Lindsay Strong	1	17	No
Western	South Baker Intermediate School	Erin Callahan	1	16	No
Western	South Baker Intermediate School	Allisyn Ferdig	1	15	No
Western	South Baker Intermediate School	Victoria Howard	1	14	No
Southern	St Edwards Catholic School	Cortney Allison	1	14	No
Capital	Star Elementary School	Cinda Bodell	1	28	No

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Star Elementary School	Angela Fulkerson	1	28	No
Capital	Star Elementary School	Joyanna Galan	1	28	Yes
Capital	Star Elementary School	Carmi Scheller	1	28	Yes
Eastern	Stoddard Elementary School	Alicia Cody	1	20	Yes
Eastern	Stoddard Elementary School	Fairley Faroni	1	20	No
Eastern	Stoddard Elementary School	Craig Ockerman	1	20	Yes
Southern	Stricker Elementary School	Kelly Depew	1	25	No
Southern	Stricker Elementary School	Michael Graefe	1	21	No
Southern	Stricker Elementary School	Kristen Lewis	1	23	No
Southern	Stricker Elementary School	Craig Maki	1	25	No
Southern	Stricker Elementary School	Heather Pesola	1	21	No
Southern	Stricker Elementary School	Heather Reed	1	21	No
Southern	Stricker Elementary School	Daniel Zunino	1	25	No
Southern	Summit Elementary School	John Derr	1	23	No
Southern	Summit Elementary School	Stacey Lakey	1	24	No
Southern	Summit Elementary School	Veronica Medda	1	21	No
Southern	Summit Elementary School	Tracy Park	1	25	No
Southern	Summit Elementary School	Maggie Stump	1	24	Yes
Southern	Summit Elementary School	Audra Thompson	1	20	No
Southern	Summit Elementary School	Kimberly Wallace	1	24	Yes
Southern	Summit Elementary School	Anne Winder	1	25	No
Southern	Summit Elementary School	Brad Winder	1	25	No
Eastern	Syringa Elementary School	Aubrey Eldredge	1	29	No
Eastern	Syringa Elementary School	Cindel Vasquez	1	26	No
Southern	Syringa Mountain Charter School	Shawn Myers	1	25	No
Capital	The Village Charter School	Paige Norman	1	26	No
Eastern	Tyhee Elementary School	Katie Brunger	1	29	No
Capital	Ustick Elementary School	Monica Alarcon	1	32	No

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Ustick Elementary School	Tera Craner	1	32	No
Capital	Ustick Elementary School	Brenda Johnson	1	32	No
Capital	Valley View Elementary School	Meko Myers	1	16	No
Capital	Valley View Elementary School	Shawna Wood	1	16	No
Canyon	Van Buren Elementary School	Becky Gans	1	30	No
Canyon	Van Buren Elementary School	Jenny Hartvigsen	1	30	No
Canyon	Van Buren Elementary School	Aimee Stacy	1	30	No
Canyon	Van Buren Elementary School	Cindy Wells	1	28	Yes
Canyon	Vision Charter School	Evie Griswold	1	32	No
Western	W.W. Jones Elementary School	Vicki McConnell	1	6	No
Canyon	Washington Elementary School	Kyle Backlund	1	25	No
Canyon	Washington Elementary School	Heather Mueller	1	26	No
Canyon	Washington Elementary School	Chris Wilcox	1	24	No
Southern	Wendell Middle School	Dani Bonawitz	1	27	Yes
Southern	Wendell Middle School	Jaci Heizer	1	27	No
Southern	Wendell Middle School	Dan Kuka	1	27	No
Southern	Wendell Middle School	Jayne McDonald	1	27	No
Canyon	West Canyon Elementary	Andrea Chester	1	27	Yes
Canyon	West Canyon Elementary	Sirrah Elliott	1	27	Yes
Canyon	West Canyon Elementary	Emmerie Smith	1	27	Yes
Capital	West Elementary School	Nadia Aflague	1	23	No
Capital	West Elementary School	Travis Henke	1	20	No
Capital	West Elementary School	Tricia Henke	1	20	No
Western	Westside Elementary School	Shauna Bain	1	25	No
Western	Westside Elementary School	Amy Brownell	1	25	No
Western	Westside Elementary School	Stacy Mount	1	25	Yes
Western	Westside Elementary School	Sarah Nesbitt	1	25	No
Capital	White Pine Elementary School	Marisa Jordan	1	24	No

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	White Pine Elementary School	Lise Messerschmitt	1	18	No
Capital	White Pine Elementary School	Maran O'Meara	1	23	No
Capital	Whitney Elementary School	Jeni Elson	1	20	No
Capital	Whitney Elementary School	Cristina Joseph	1	25	Yes
Capital	Whitney Elementary School	Eden Rodriguez	1	20	Yes
Western	Wilder Elementary School	Rosemary Lootens	1	22	No
Eastern	William Thomas Middle School	Kelly Coleman	1	120	No
Canyon	Willow Creek Elementary School	Kim Chierici	1	31	No
Canyon	Willow Creek Elementary School	Nicole Gibbs	1	29	No
Canyon	Willow Creek Elementary School	Kayla Stone	1	28	No
Western	Willowcreek Elementary School	Lacey Peasley	1	21	No
Canyon	Wilson Elementary School	Keelee Babcock	1	25	No
Canyon	Wilson Elementary School	Afton McSherry	1	26	No
Canyon	Wilson Elementary School	Debbie Peterson	1	30	No
Southern	Wood River Middle School	Daniel Gralenski	1	90	No
TOTALS			320	8657	
TOTAL PARTICIPANTS			8977		
TOTAL PARTICIPATING FALL TEACHERS 320			69	22%	YES
			251	78%	NO
TOTAL PARTICIPATING SCHOOLS 133					
TOTAL PARTICIPATING CLASSROOMS 353					

