IDAHO POWER ENERGYWISE®
PROGRAM SUMMARY REPORT

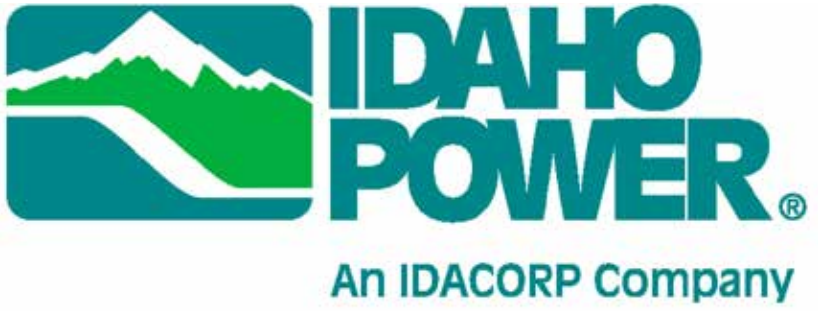
SPRING 2020

SUBMITTED BY:

FRANKLIN ENERGY

Idaho Power EnergyWise Program Summary Report Spring 2020

Made possible by:



Submitted by:

June 2020

"This was a wonderful idea! I'm so glad that my children have been a part of this program. They now can see and understand why and how power is important. Also, the money that goes out for power."

Shauntel Hensey, Parent
J R Simplot Elementary School

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"I know this is probably costly to Idaho Power, but my daughter was very excited to tell me everything she learned, this was awesome! I'm active military, I have lived in many places, and you have the lowest prices. Thank you for this program and all you do!"

Chris Smith, Parent
Prospect Elementary

Executive Summary

Franklin Energy is pleased to present this Program Summary Report to Idaho Power, which summarizes the Spring 2020 Idaho Power EnergyWise Program. The program was implemented in the Idaho Power service area in the state of Idaho by 4,364 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

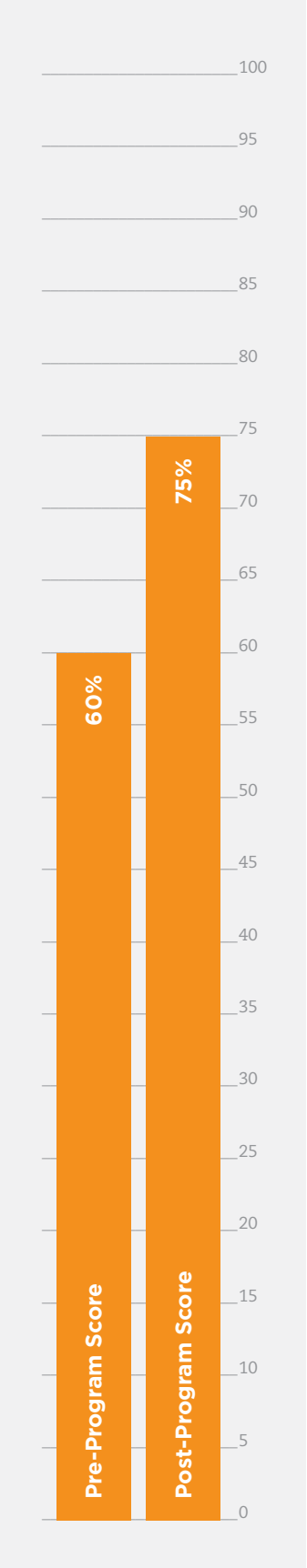
A successful program excites and engages participants. Students, parents, and teachers are asked to evaluate the program and provide personal comments. A sample of the feedback is given in the margin. ›

Teachers who indicated that products in the Kit were easy for students to use.

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 D.



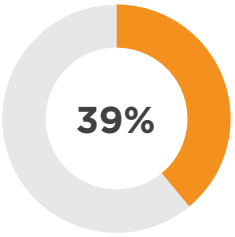
Knowledge Gained

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 **60%** to **75%**.

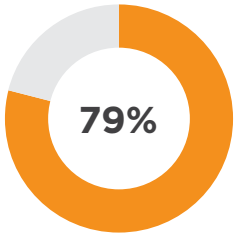
Measures Installed

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

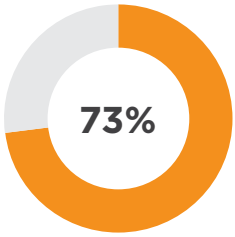
A summary of responses can be found in Appendix B.



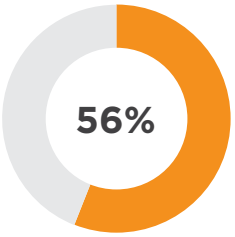
Students who reported they installed the High-Efficiency Showerhead.



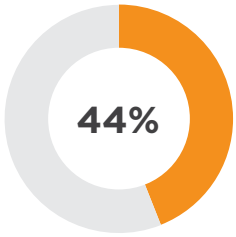
Students who reported they installed the LED Night Light.



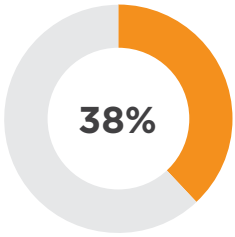
Students who reported they installed the Shower Timer.



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	
6,128,904	gallons of water saved
884,260	kWh of electricity saved
23,383	therms of gas saved
6,128,904	gallons of wastewater saved

PROJECTED LIFETIME SAVINGS	
61,289,038	gallons of water saved
9,454,176	kWh of electricity saved
233,825	therms of gas saved
61,289,038	gallons of wastewater saved

PROJECTED ANNUAL SAVINGS PER HOME	
1,404	gallons of water saved
203	kWh of electricity saved
5	therms of gas saved
1,404	gallons of wastewater saved

PROJECTED LIFETIME SAVINGS PER HOME	
14,044	gallons of water saved
2,166	kWh of electricity saved
54	therms of gas saved
14,044	gallons of wastewater saved

"I loved the workbook and how it was made into activities for kids to complete. Having it be hands-on is very helpful."

Chelsea Lee, Parent
Gooding Elementary/Middle 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 Spring 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 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 Franklin Energy 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.

"I liked the supplies and discussions that we were able to have on saving energy. I also liked the important information contained in the program."

Shawna Hiller, Teacher
Valley View 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 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

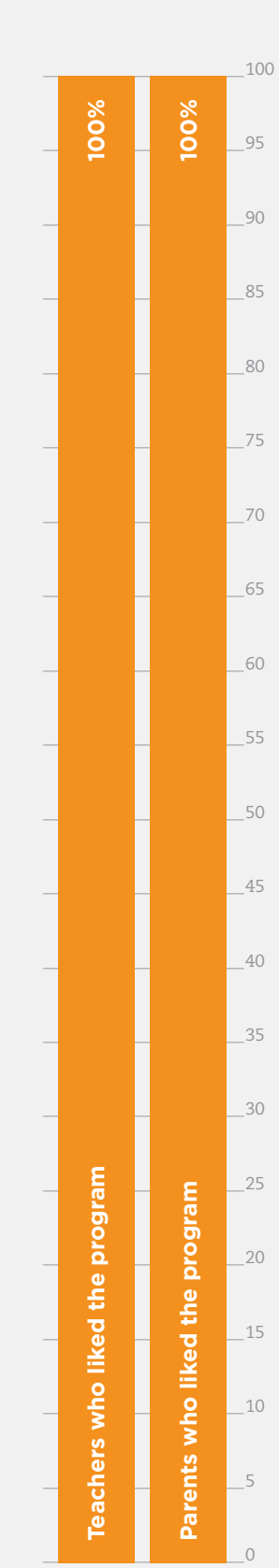
Teacher Survey Form

Pre/Post Student Survey Answer Keys

Electricity Poster

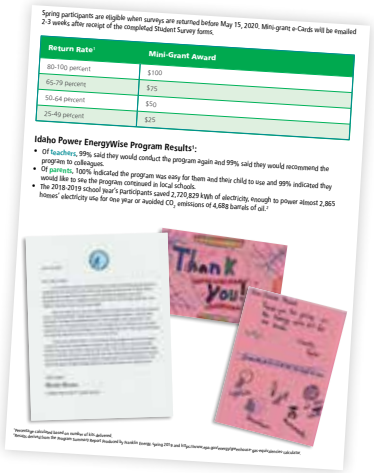
Self-Addressed Postage-Paid Envelope

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



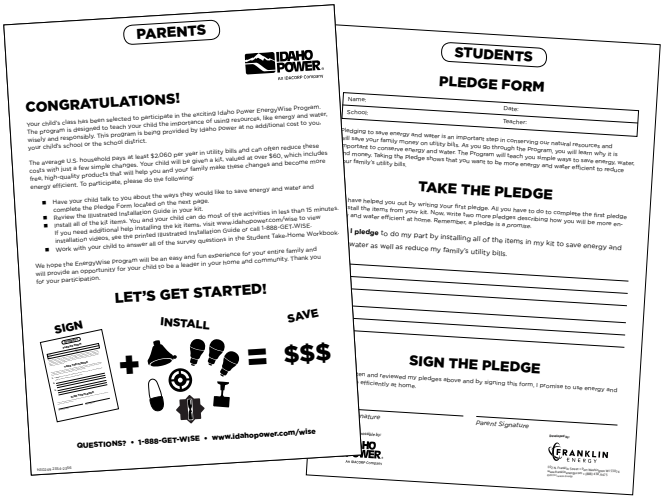
Custom Branding

In addition to increasing resource awareness and efficiency, the program has been designed to strengthen bonds between Idaho Power and the community. One of the steps taken to ensure the greatest possible exposure is to feature the Idaho Power logo throughout each EnergyWise Kit. In addition to the kit, the Teacher Survey Form, Parent Letter/Pledge Form, and Idaho Power exclusive Introduction Video (flash drive) also feature Idaho Power branding. Further, a custom Teacher Solicitation Flyer was created for Community Education Representatives' program promotion.

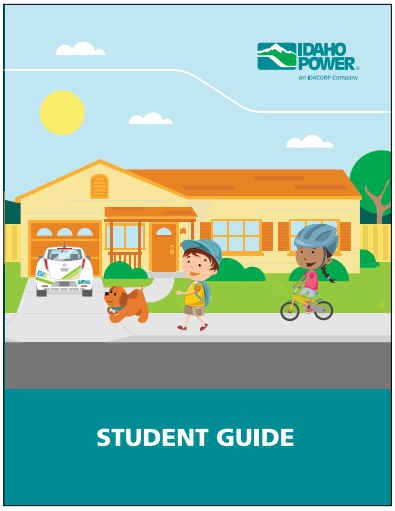


Program Materials

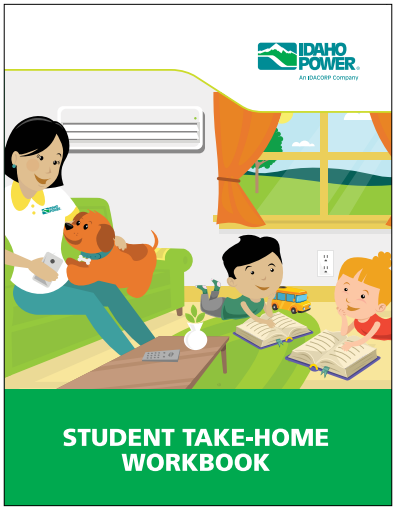
Teacher Survey Form



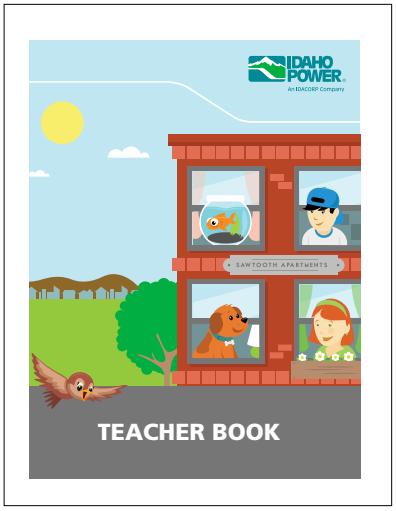
Parent Letter/Pledge Form



Student Guide



Student Workbook



Teacher Book

Certificate of Achievement

Kit Box

Introduction Video (flash drive) Pen

"The students liked the energy kit and the solar oven. They also enjoyed the hands-on experience."

Zachary Dwello, Teacher
Nampa Christian School

Program Implementation

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

1. Identification of Idaho state and national academic standards & benchmarks
2. Curriculum development and refinement (completed annually)
3. Curriculum correlation to Idaho 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 G provides a comprehensive list of classrooms in grade 4-6 that participated during the Spring of the 2020 school year.

Franklin Energy 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 Franklin Energy, 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, CAPM®

Elizabeth 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.

"As a parent, I liked the part where kids get to be involved with the parent at home. They now can see and understand about powering our home."

Shauntel Hensey, Parent
J R Simplot Elementary School

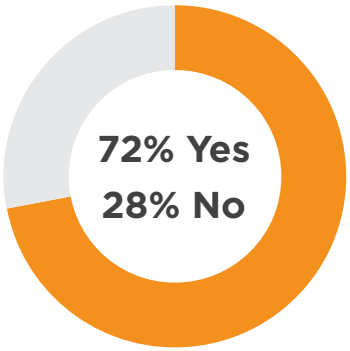
Program Impact

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:

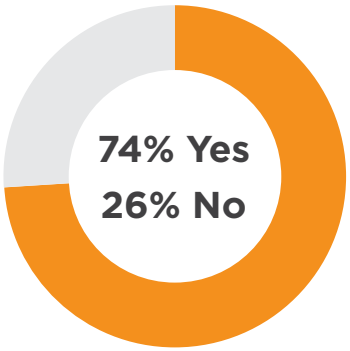
A. Home Survey

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.

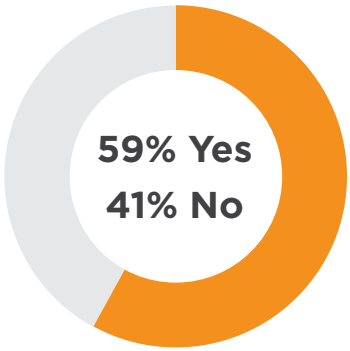
Does your family have a programmable thermostat?	**Yes - 72%**
Does your family own their home?	**Yes - 74%**
Does your family have a programmable outdoor sprinkler system?	**Yes - 59%**



Students who indicated that their family has a programmable thermostat.



Students who indicated that their family owns their home.

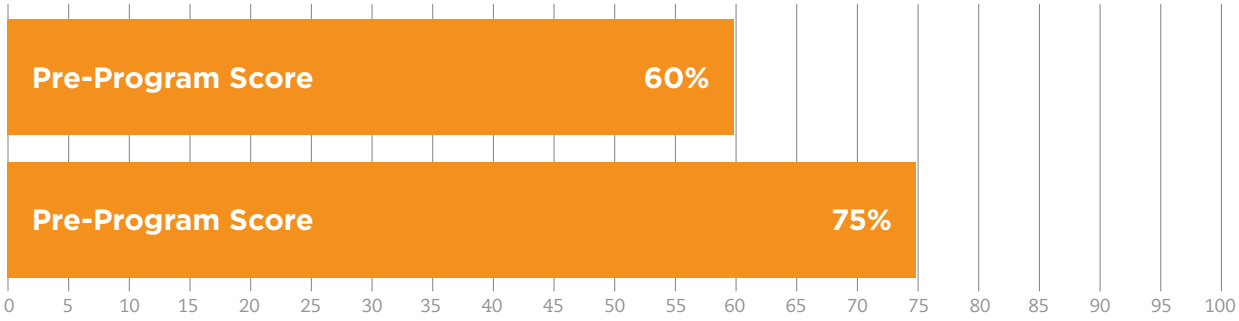


Students who indicated that their family has a programmable outdoor sprinkler system.

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 **6.0** questions correctly prior to being involved in the program and then improved to answer **7.5** questions correctly following participation.

Scores improved from 60% to 75%.



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, 4,364 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:	**4,364**		
	Annual	**Lifetime**	
Projected reduction from Showerhead retrofit:	**6,128,904**	**61,289,038**	gallons
Product Life: **10 years**	**408,679**	**4,086,790**	kWh
	19,833	**198,329**	therms
Projected reduction from first **9**-watt LED Light Bulb:	**126,145**	**1,513,735**	kWh
Product Life: **25,000 hours** (**12** years)			
Projected reduction from second **9**-watt LED Light Bulb:	**95,806**	**1,149,673**	kWh
Product Life: **25,000 hours** (**12** years)			
Projected reduction from third **9**-watt LED Light Bulb:	**83,838**	**1,006,054**	kWh
Product Life: **25,000 hours** (**12** years)			
Projected reduction from LED Night Light retrofit:	**98,152**	**981,520**	kWh
Product Life: **10,000 hours**			
Projected reduction from FilterTone® installation:	**71,640**	**716,404**	kWh
Product Life: **10 years**	**3,550**	**35,496**	therms
TOTAL PROGRAM SAVINGS:	**6,128,904**	**61,289,038**	gallons
	884,260	**9,454,176**	kWh
	23,383	**233,825**	therms
TOTAL PROGRAM SAVINGS PER HOUSEHOLD:	**1,404**	**14,044**	gallons
	203	**2,166**	kWh

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?

"They loved the EnergyWise kits. It allowed them to use the information from the book at home."
Cody Perry, Tendoy Elementary

"Students loved the connections between learning in class and the home kit."
Heather Mueller, Washington Elementary School

"They really enjoyed being able to take the kits home and install in their homes."
Joleena Malugani, Washington Elementary School

"The like the introductory video and class discussions."
Diana Son, Tendoy Elementary

"Learning about fossil fuels!"
Jessica Mosley, Park Intermediate

"The student guide and the kits."
Adam Trowbridge, Lewis & Clark Elementary

"They liked the mini water cycle!"
Meghan Willard, Lewis & Clark Elementary

"The best thing about the program that my students liked was the take-home kits. They enjoyed the items!"
Kayden Tague, Whitney Elementary School

"They loved looking at the comparisons of EnergyWise devices and normal devices."
Tasha Crowell, Whitney Elementary School

"All the materials. Every year they are excited to share with their families."
Shawna Hiller, Valley View Elementary School

Teacher Response

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

What did you like best about the program?

"I like the energy kits best because I love that my students have the opportunity to learn and connect with their families."
Kayden Tague, Whitney Elementary School

"The family involvement with the take home materials."
Joleena Malugani, Washington Elementary School

"The program is fairly user friendly. I also liked the hands-on projects."
Zachary Dwello, Nampa Christian School

"I like how the information is laid out. The materials are excellent."
Meko Myers, Valley View Elementary School

"Easy reading student guide."
Liza Martin, Glenns Ferry Middle School

"I liked how hands-on the students get."
Tasha Crowell, Whitney Elementary School

"The activities and guide."
Adam Trowbridge, Lewis & Clark Elementary

"The materials were super organized."
Meghan Willard, Lewis & Clark Elementary

What would you change about the program?

"Add local information — where does Idaho get the power? What dams? Where is the nuclear plant? Tying it to state information would be wonderful!"
Jessica Mosley, Park Intermediate

"Nothing, I love it all! Next year, I'd like to make more time to do all the lessons."
Kayden Tague, Whitney Elementary School

"Thank you for adding Spanish to the surveys! Videos from people that have the jobs listed in the books."
Heather Mueller, Washington Elementary School

"Nothing. Thank you."
Adam Trowbridge, Lewis & Clark Elementary

E. Parent/Guardian Program Evaluation

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 D)

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.

Which aspect of the program did you like best?

"Working on it together and discussing positive ways to impact the planet."
Chet Andes, Silver Sage Elementary School

"The light bulbs and showerhead."
Stephanie Grooms, Fruitland Elementary School

"Overall education and encouragement of conservation."
Kadie Keshian, Reed Elementary

"Getting our children involved in saving energy."
Cory Delozier, Tendoy Elementary

"Learning about energy."
MCq, Chief Joseph School Of The Arts

"Water conservation with shower length and electricity usage."
Tonya Stuart, Crimson Point Elementary

"It being interactive & kid friendly."
Jen Hill, Cynthia Mann Elementary School

"Shower timer!"
Valerie Fend-Boiehm, Cynthia Mann Elementary School

Parent Response

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

"Teaching these children about the importance of dams and the effects upon the fish."
Chris Smith, Prospect Elementary

"Hands-on. My son had to do some math after changing the light bulbs & showerhead."
Peterson family, Prospect Elementary

"Lightbulbs!"
Sarah Luse, Prospect Elementary

"Hands-on teaching"
Erika Schneider, Seven Oaks Elementary School

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

"I know this is probably costly to Idaho Power, but my daughter was very excited to tell me everything she learned, this was awesome! I'm active military, I have lived in many places, and you have the lowest prices. Thank you for this program and all you do!"
Chris Smith, Prospect Elementary

"Thank you very much for this program it was fun for my son to do and our whole family was involved and learning together."
Peterson family, Prospect Elementary

"Awesome job!"
Jen Hill, Cynthia Mann Elementary School

"Thank you for helping empower the kids to make smart choices. Well done and please let us know how we can help continue the program."
Valerie Fend-Boiehm, Cynthia Mann Elementary School

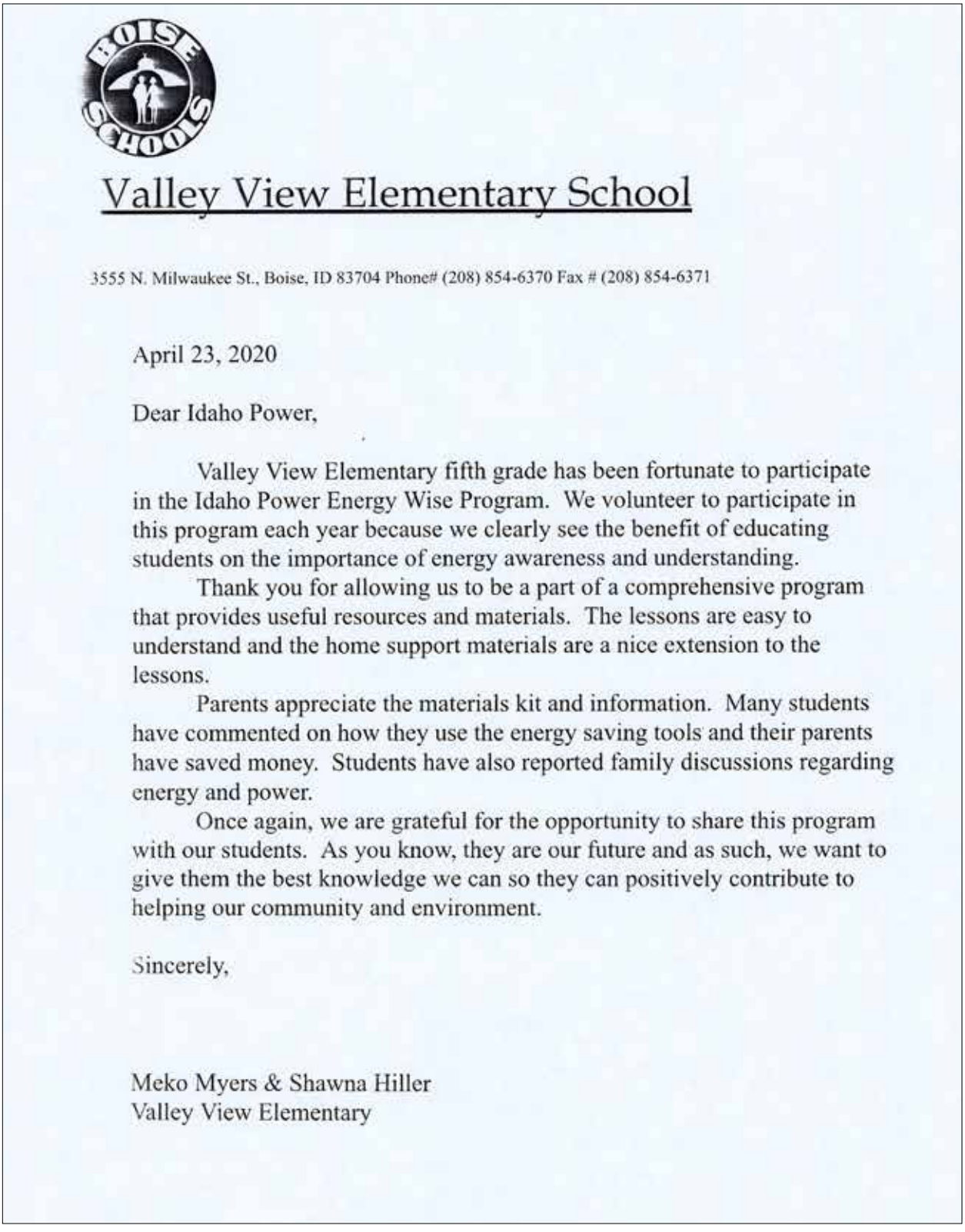
"Thanks for the light bulbs!"
Eric Mory, Idaho Arts Charter School (K-4)

"My son really enjoyed this and is much more energy savvy now. He talked about all the projects often since they are things we did in the house that he sees everyday."
Chelsea Lee, Gooding Elementary/Middle School

"Thank you for the wonderful kit! My child loved all the gadgets especially the thermometer! I love the light bulbs."
Trisha Spellerberg, Gooding Elementary/Middle School

F. Teacher Letters

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



Valley View Elementary School

3555 N. Milwaukee St., Boise, ID 83704 Phone# (208) 854-6370 Fax # (208) 854-6371

April 23, 2020

Dear Idaho Power,

Valley View Elementary fifth grade has been fortunate to participate in the Idaho Power Energy Wise Program. We volunteer to participate in this program each year because we clearly see the benefit of educating students on the importance of energy awareness and understanding.

Thank you for allowing us to be a part of a comprehensive program that provides useful resources and materials. The lessons are easy to understand and the home support materials are a nice extension to the lessons.

Parents appreciate the materials kit and information. Many students have commented on how they use the energy saving tools and their parents have saved money. Students have also reported family discussions regarding energy and power.

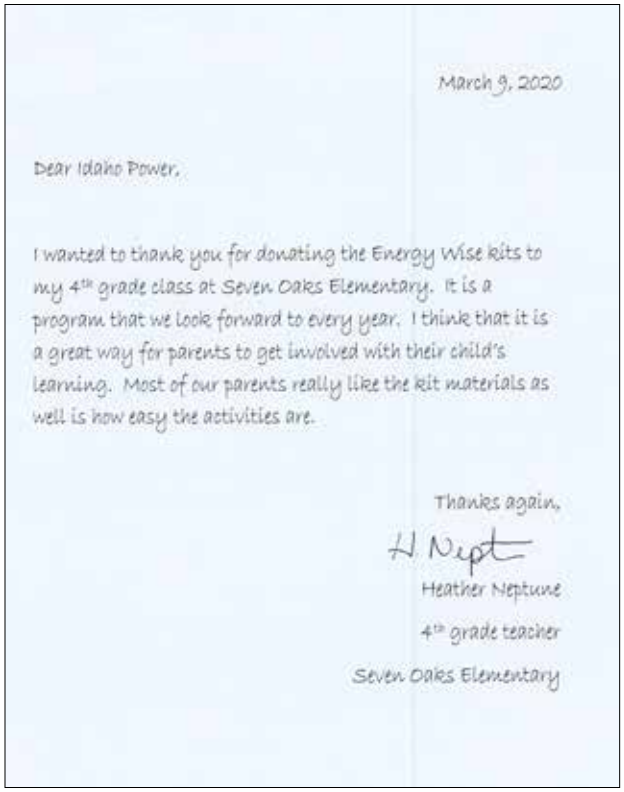
Once again, we are grateful for the opportunity to share this program with our students. As you know, they are our future and as such, we want to give them the best knowledge we can so they can positively contribute to helping our community and environment.

Sincerely,

Meko Myers & Shawna Hiller
Valley View Elementary

Teacher Letters

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



March 9, 2020

Dear Idaho Power,

I wanted to thank you for donating the Energy Wise kits to my 4th grade class at Seven Oaks Elementary. It is a program that we look forward to every year. I think that it is a great way for parents to get involved with their child's learning. Most of our parents really like the kit materials as well is how easy the activities are.

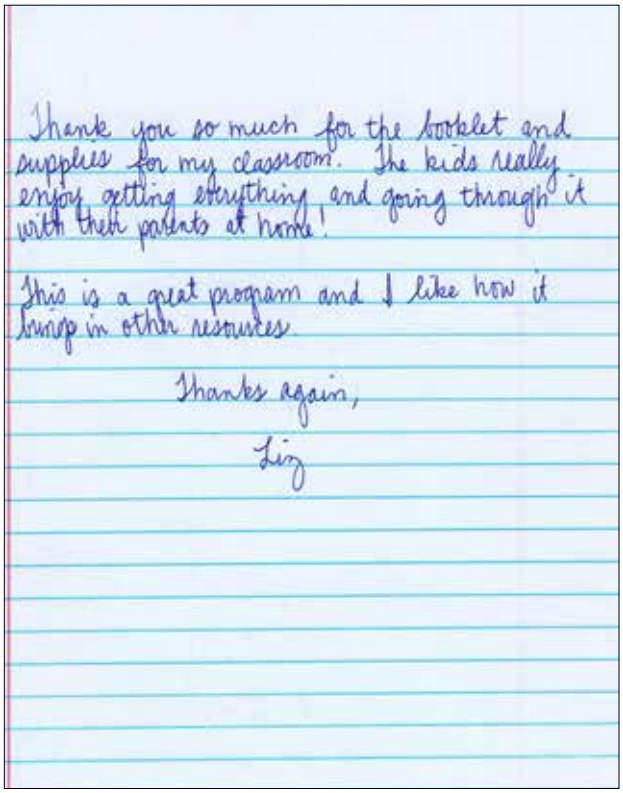
Thanks again,

H Nept

Heather Neptune

4th grade teacher

Seven Oaks Elementary



Thank you so much for the booklet and supplies for my classroom. The kids really enjoy getting everything and going through it with their parents at home!

This is a great program and I like how it hinges in other resources.

Thanks again,

Liz

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!

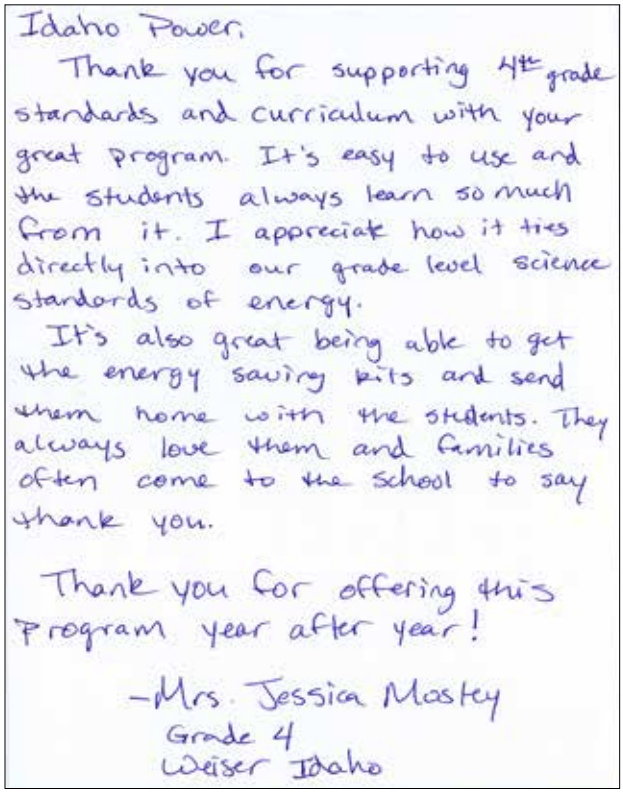
Signed,

Megan Willard

Megan Willard

4th Grade

Lewis and Clark Elementary



Idaho Power,

Thank you for supporting 4th grade standards and curriculum with your great program. It's easy to use and the students always learn so much from it. I appreciat how it ties directly into our grade level science standards of energy.

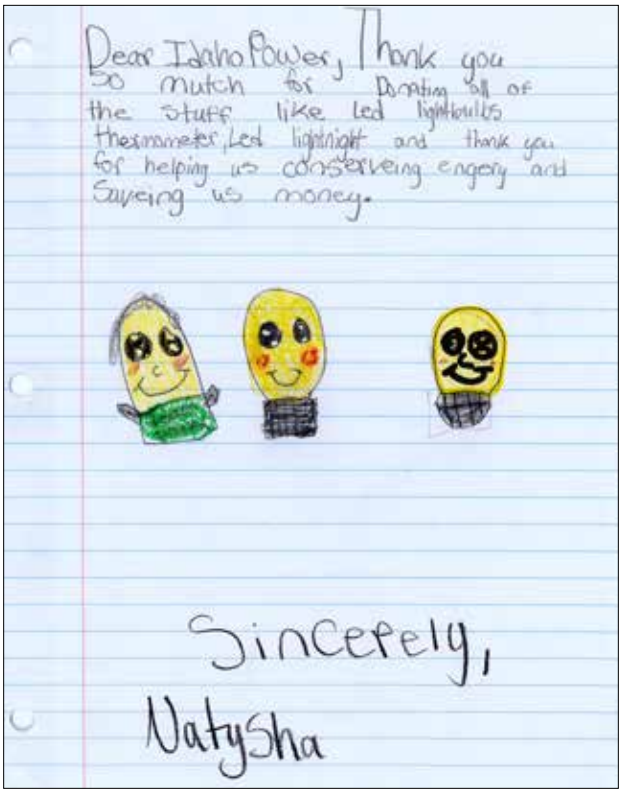
It's also great being able to get the energy saving kits and send them home with the students. They always love them and families often come to the school to say thank you.

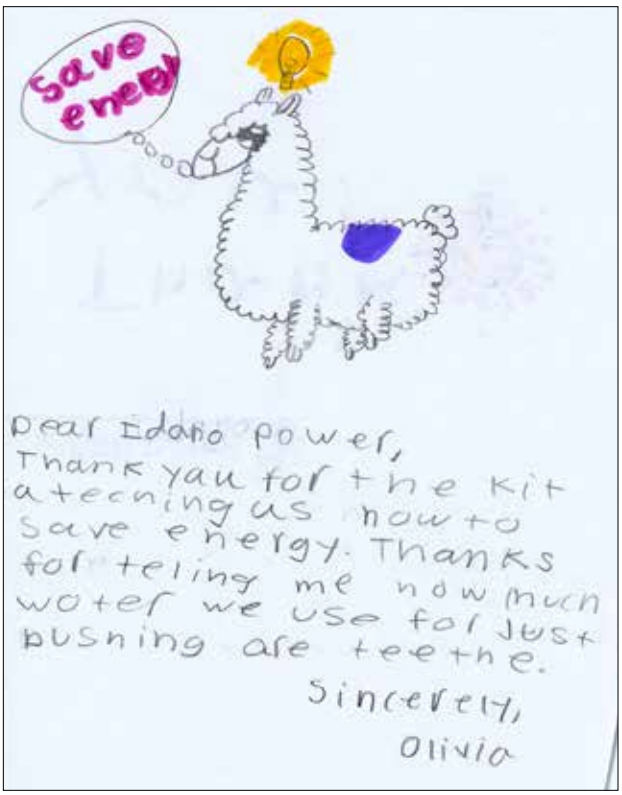
Thank you for offering this program year after year!

-Mrs. Jessica Mastey
Grade 4
Weiser Idaho

G. Student Letters

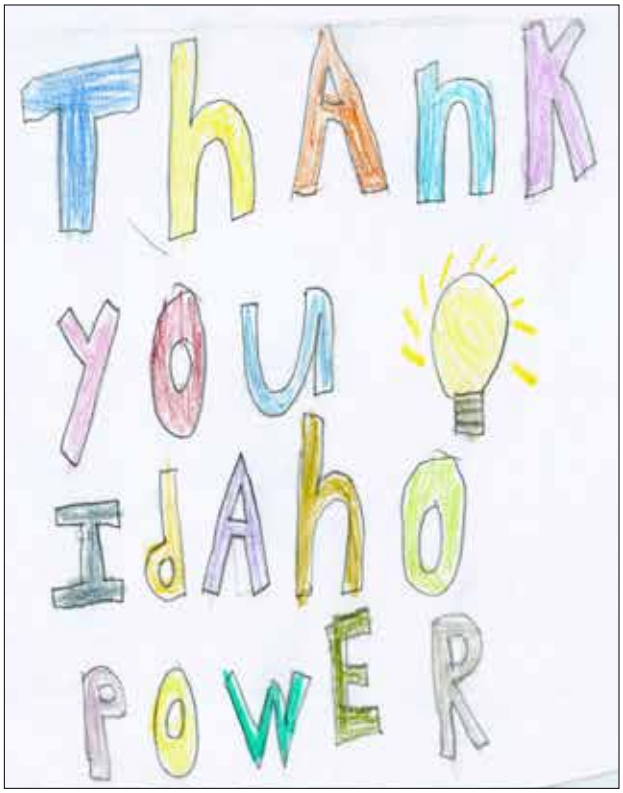
(A summary of responses can be found in Appendix F)

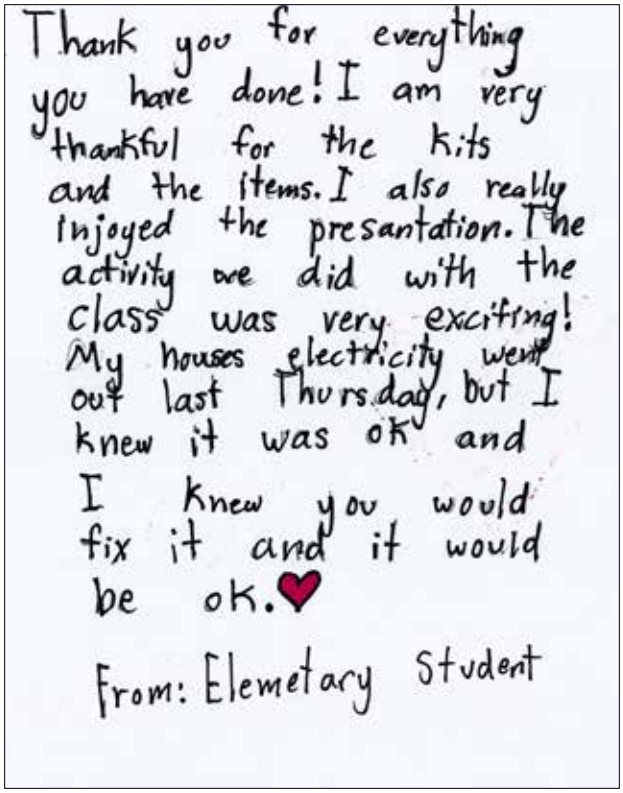




Student Letters

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

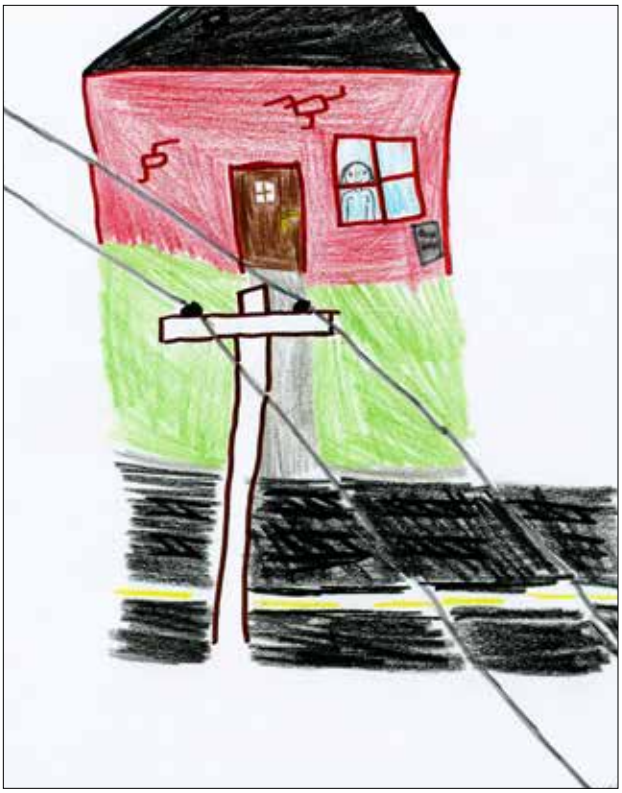


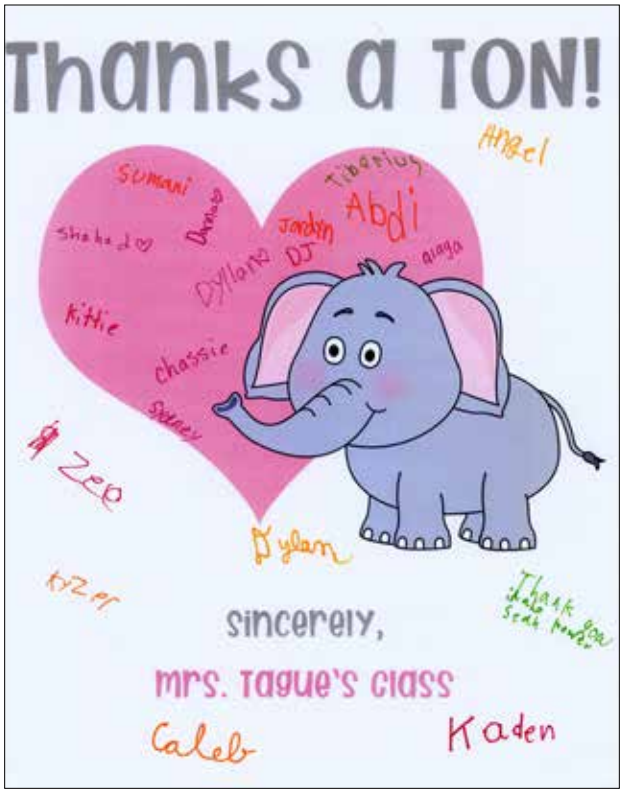

Thank you for everything you have done! I am very thankful for the kits and the items. I also really injoyed the presantation. The activity we did with the class was very exciting! My houses electricity went out last Thursday, but I knew it was ok and I knew you would fix it and it would be ok.

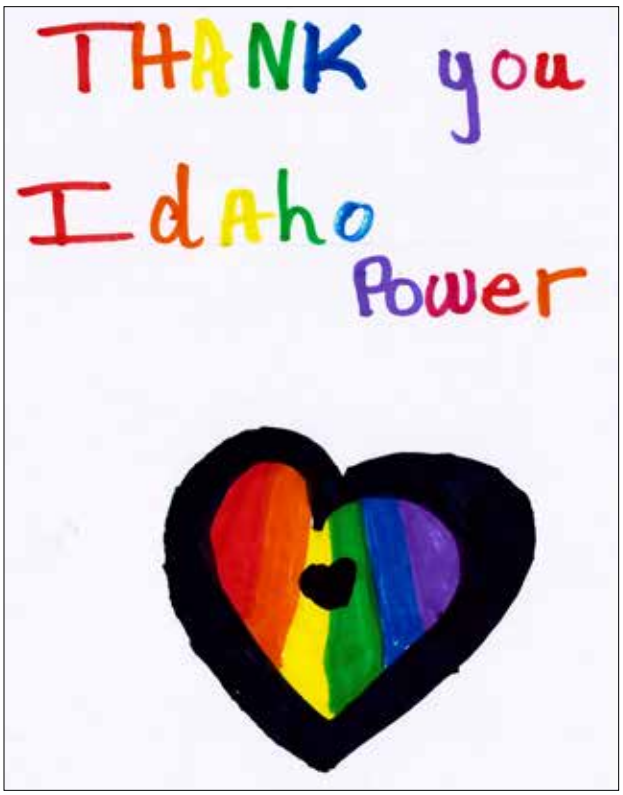
From: Elemetary Student

Student Letters

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

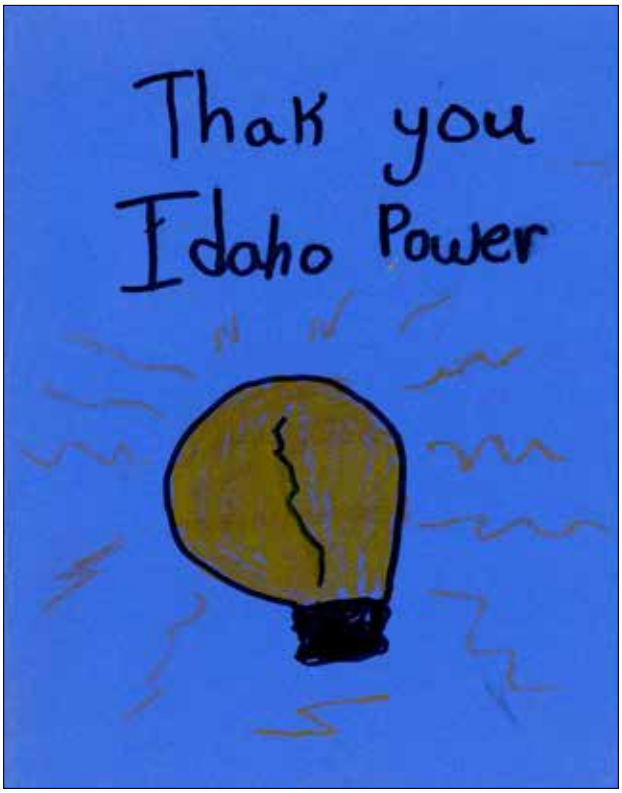


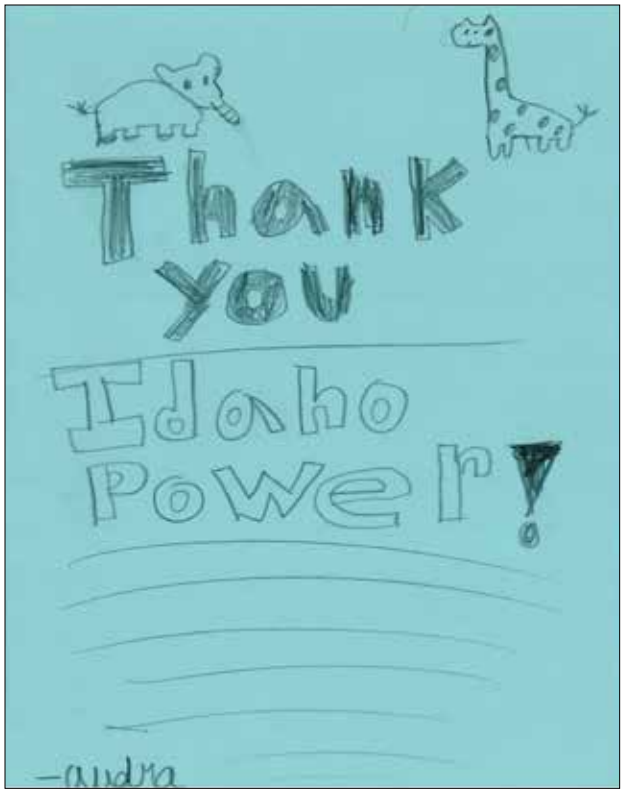


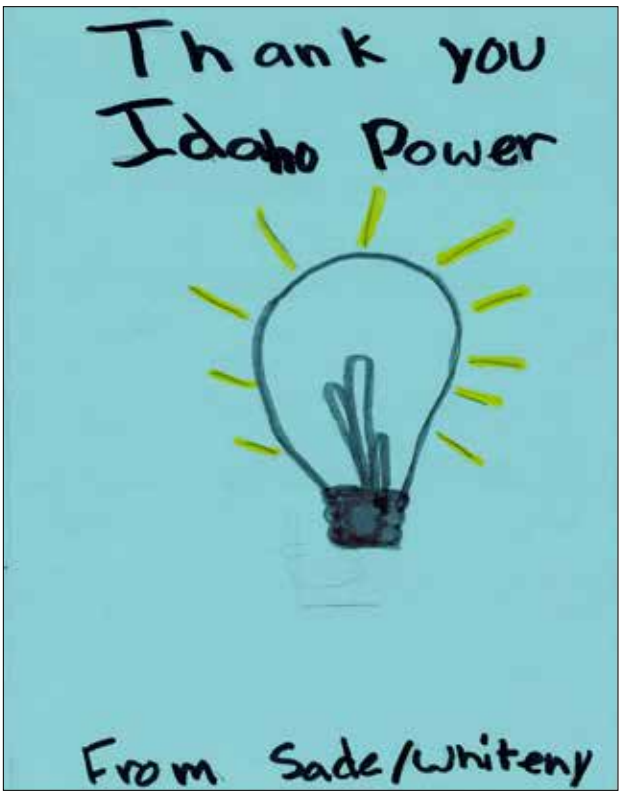


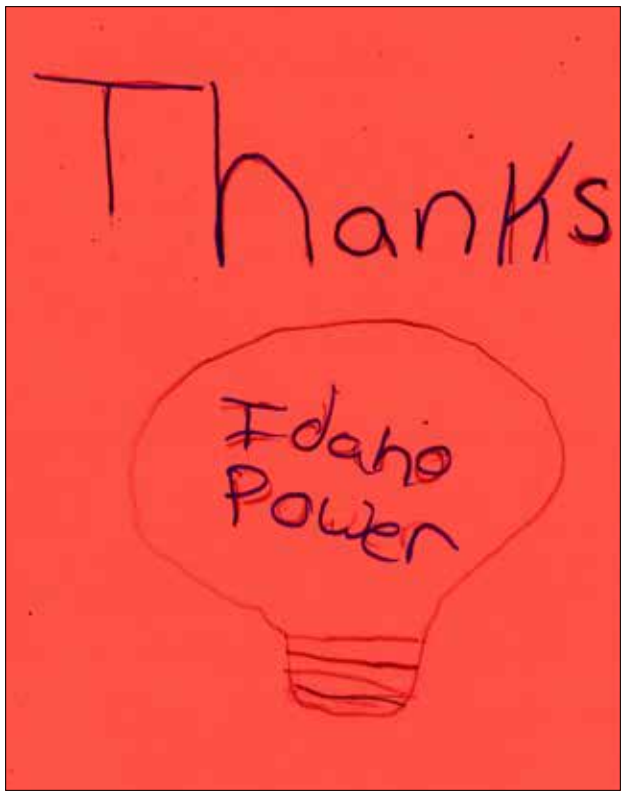
Student Letters

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









"As a teacher, I liked seeing the excitement when the kids realized that they can make a difference."

Heather Mueller, Teacher
Washington Elementary School

Appendices

Appendix A

Appendix B

Appendix C

Appendix D

Appendix E

Appendix F

Appendix G

Projected Savings from Showerhead Retrofit

Showerhead Retrofit Inputs and Assumptions:

Average household size:	**5.05**	people[1]
Average number of full bathrooms per home:	**2.00**	full bathrooms per home[1]
% of water heated by gas:	**49.25%**	[1]
% of water heated by electricity:	**50.75%**	[1]
Installation / participation rate of:	**39.00%**	[1]
Average Showerhead has a flow rate of:	**2.00**	gallons per minute[1]
Retrofit Showerhead has a flow rate of:	**1.29**	gallons per minute[1]
Number of participants:	**4,364**	[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:	**6,128,904**	gallons[4]
Showerhead retrofit projects a **lifetime** reduction of:	**61,289,038**	gallons[5]

Projected Electricity Savings:

Showerhead retrofit projects an **annual** reduction of:	**408,679**	kWh[2,6]
Showerhead retrofit projects a **lifetime** reduction of:	**4,086,790**	kWh[2,7]

Projected Natural Gas Savings:

Showerhead retrofit projects an **annual** reduction of:	**19,833**	therms[2,8]
Showerhead retrofit projects a **lifetime** reduction of:	**198,329**	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_finalsuppstat508.pdf

3 Provided by manufacturer.

4 [(Average Household Size x Shower Duration x Showers per Day per Person) ÷ Average Number of Full Bathrooms per Home] x (Average Showerhead Flow Rate - Retrofit Showerhead Flow Rate) x Number of Participants x Installation Rate x 365 days

5 [(Average Household Size x Shower Duration x Showers per Day per Person) ÷ Average Number of Full Bathrooms per Home] x (Average Showerhead Flow Rate - Retrofit Showerhead Flow Rate) x Number of Participants x Installation Rate x 365 days x 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:	**21.00%**	[4]
Number of participants:	**4,364**	[4]

Projected Electricity Savings:

The FilterTone installation projects an **annual** reduction of:	**71,640**	kWh[5]
The FilterTone installation projects a **lifetime** reduction of:	**716,404**	kWh[6]

Projected Natural Gas Savings:

The FilterTone installation projects an **annual** reduction of:	**3,550**	therms[7]
The FilterTone installation projects a **lifetime** reduction of:	**35,496**	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:	**59.33**	watts[3]
Installation / participation rate of:	**56.00%**	[3]
Number of participants:	**4,364**	[3]

Projected Electricity Savings:

The LED retrofit projects an **annual** reduction of:	**126,145**	kWh[2,4]
The LED retrofit projects a **lifetime** reduction of:	**1,513,735**	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 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x Hours of operation per day x 365 Days] ÷ 1,000} x Number of participants x Installation rate

5 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x 12 years] ÷ 1,000} x Number of participants x 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:	**57.65**	watts[3]
Installation / participation rate of:	**44.00%**	[3]
Number of participants:	**4,364**	[3]

Projected Electricity Savings:

The LED retrofit projects an **annual** reduction of:	**95,806**	kWh[2,4]
The LED retrofit projects a **lifetime** reduction of:	**1,149,673**	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 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x Hours of operation per day x 365 Days] ÷ 1,000} x Number of participants x Installation rate

5 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x 12 years] ÷ 1,000} x Number of participants x 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:	**58.29**	watts[3]
Installation / participation rate of:	**38.00%**	[3]
Number of participants:	**4,364**	[3]

Projected Electricity Savings:

The LED retrofit projects an **annual** reduction of:	**83,838**	kWh[2,4]
The LED retrofit projects a **lifetime** reduction of:	**1,006,054**	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 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x Hours of operation per day x 365 Days] ÷ 1,000} x Number of participants x Installation rate

5 {[(Wattage of incandescent light bulb replaced - Wattage of LED light bulb) x 12 years] ÷ 1,000} x Number of participants x 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:	**79.00%**	[3]
Number of participants:	**4,364**	[3]

Projected Electricity Savings:

The Energy Efficient Night Light retrofit projects an **annual** reduction of:	**98,152**	kWh[4]
The Energy Efficient Night Light retrofit projects a **lifetime** reduction of:	**981,520**	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)	9%
Single Family Home (Manufactured)	10%
Single Family Home (Built)	65%
Multi-Family (2-4 units)	10%
Multi-Family (5-20 units)	5%
Multi-Family (21+ units)	2%
2 Was your home built before 1992?	
Yes	42%
No	58%
3 Is your home owned or rented?	
Owned	74%
Rented	26%
4 How many kids live in your home (age 0-17)?	
1	12%
2	32%
3	28%
4	14%
5+	14%
5 How many adults live in your home (age 18+)?	
1	11%
2	69%
3	13%
4	5%
5+	2%
6 Does your home have a programmable outdoor sprinkler system?	
Yes	59%
No	41%
7 Does your home have a programmable thermostat?	
Yes	72%
No	28%

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	41%
Electric Heater	44%
Propane	3%
Heating Oil	1%
Wood	4%
Other	6%

9 What type of air conditioning unit do you have?

Central Air Conditioner	70%
Evaporative Cooler	7%
Room Unit	15%
Don't Have One	8%

10 Does your home have a Dishwasher?

Yes	84%
No	16%

11 How many half-bathrooms are in your home?

0	60%
1	31%
2	7%
3	2%
4+	1%

12 How many full bathrooms are in your home?

1	25%
2	56%
3	15%
4	4%
5+	0%

13 How many toilets are in your home?

1	18%
2	43%
3	31%
4	6%
5+	2%

14 How is your water heated?

Natural Gas	49%
Electricity	51%

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	11%
1.1 - 1.5 GPM	20%
1.6 - 2.0 GPM	19%
2.1 - 2.5 GPM	25%
2.6 - 3.0 GPM	15%
3.1+ GPM	10%

2 Did you install the new High-Efficiency Showerhead?

Yes	39%
No	61%

3 If you answered "yes" to question 2, what is the flow rate of your new showerhead?

0 - 1.0 GPM	24%
1.1 - 1.5 GPM	40%
1.6 - 2.0 GPM	37%

4 Did you use the Shower Timer?

Yes	73%
No	27%

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	17%
60-watt	37%
75-watt	14%
100-watt	11%
Other	20%

7 Did your family install the second 9-watt LED Light Bulb?

Yes	44%
No	56%

8 If you answered "yes" to question 7, what is the wattage of the incandescent bulb you replaced?

40-watt	19%
60-watt	38%
75-watt	11%
100-watt	10%
Other	21%

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	38%
	No	61%
10	If you answered "yes" to question 9, what is the wattage of the incandescent bulb you replaced?	
	40-watt	20%
	60-watt	34%
	75-watt	12%
	100-watt	12%
	Other	22%
11	Did your family install the FilterTone® Alarm?	
	Yes	21%
	No	79%
12	How much did your family turn down the thermostat in winter for heating?	
	1 - 2 Degrees	19%
	3 - 4 Degrees	17%
	5+ Degrees	12%
	Didn't Adjust Thermostat	52%
13	How much did your family turn up the thermostat in summer for cooling?	
	1 - 2 Degrees	16%
	3 - 4 Degrees	18%
	5+ Degrees	12%
	Didn't Adjust Thermostat	54%
14	Did you install the LED Night Light?	
	Yes	79%
	No	21%
15	Did your family lower your water heater settings?	
	Yes	20%
	No	80%
16	Did your family raise the temperature on your refrigerator?	
	Yes	16%
	No	84%
17	Did you complete the optional online energy use activity?	
	All of it	5%
	Some of it	15%
	None	80%

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	66%
No	34%

19 Did your family change the way they use water?

Yes	48%
No	52%

20 Did your family change the way they use energy?

Yes	58%
No	42%

21 How would you rate the Idaho Power EnergyWise® Program?

Great	45%
Pretty Good	42%
Okay	10%
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	66
Total Teachers Returning Teacher Evaluations	21

	Number	Percent
1 The materials were clearly written and well organized.		
Strongly Agree	15	71%
Agree	5	24%
Disagree	0	0%
Strongly Disagree	1	5%
2 The products in the Kit were easy for students to use.		
Strongly Agree	9	43%
Agree	12	57%
Disagree	0	0%
Strongly Disagree	0	0%
3 Students indicated that their parents supported the program.		
Yes	19	90%
No	2	10%
4 Would you conduct this Program again?		
Yes	21	100%
No	0	0%
5 Would you recommend this program to other colleagues?		
Yes	21	100%
No	0	0%
6 If my school is eligible for participation next year, I would like to enroll.		
Yes	21	100%
No	0	0%

Teacher Comment Data

(continued from page 22)

What did students like best about the program?

"Students loved the materials."
Meko Myers, Valley View Elementary School

"Mini-Labs and Kits."
Liza Martin, Glenns Ferry Middle School

"Very easy to follow. Interactive for child."
Karen Petty, Garfield Elementary School

What did you like best about the program?

"I loved the easy to follow lesson plans."
Cody Perry, Tendoy Elementary

"The introductory video, class discussions during the workbook lessons."
Diana Son, Tendoy Elementary

"How well it ties into 4th grade science standards."
Jessica Mosley, Park Intermediate

Parent/Guardian Program Evaluation Data

Total Parent Responses	26	
1 Was the Program easy for you and your child to use?	Number	Percent
Yes	26	100%
No	0	0%
2 Will you continue to use the Kit items after the completion of the Program?		
Yes	26	100%
No	0	0%
3 Would you like to see this Program continued in local schools?		
Yes	26	100%
No	0	0%

Parent/Guardian Comment Data

(continued from page 24)

Which aspect of the program did you like best?

"Measuring and calculating energy."
Rob Rydalch, Eliza Hart Spalding Elementary School

"All of it."
Jeremy Lemro, Taft Elementary School

"My child learning about saving power and taking better care of the environment."
Brianna Bergn, Glenns Ferry Middle School

"The kit you gave us. The questions as well."
Tangela Jensen, Gooding Elementary/Middle School

"That my child learned how to be energy efficient."
Trisha Spellerberg, Gooding Elementary/Middle School

"The showerhead and night light"
Audrey Gray, Murtaugh Elementary School

"The variety of energy saving items in the box."
Megan Smith, Pioneer School Of The Arts

"The easy to follow experiments for the kids and the math calculations."
Name Not Provided, Ponderosa Elementary School

"Helps kids understand conservation."
Cassie Ashton, Wapello Elementary School

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

"Thank you it was a great conversation starter about how we can do better in our home."
Megan Smith, Pioneer School Of The Arts

"This was a fun activity and helped my kids better understand how they use energy."
Name Not Provided, Ponderosa Elementary School

"Thank you."
Cassie Ashton, Wapello Elementary School

Teacher Letters

(continued from page 26)

January 23, 2020

Dear Idaho Power,

I would like to thank you for the incredible opportunity for my class to participate in the Energy Wise program. I believe this opportunity is amazing for my students because of the materials they receive. All my students come from a low income/high poverty household and qualify for free or reduced lunch. Most of my students get assistance from our community schools' program to get clothing and necessities. The Energy Wise program adapts to all my students' background/living circumstances and helps them in a variety of ways. The program brings families together by learning and spending quality time together. One of my favorite things about the Energy Wise program is the comments I get after my students take the kits home. For several days, I hear positive comments. The excitement and gratitude shown are wonderful!

I also love how the Energy Wise program aligns with the 4th grade standards. The lesson plans and student workbooks are well thought out! The time and effort put into the program is evident. I appreciate that there is a "program-at-a-glance" page, notes on each lesson, and teacher ideas. I strongly believe all teachers should implement this program in their classroom. We loved participating in this program. Thank you!

Kind Regards,

Mrs. Tague
4th Grade Teacher
Whitney Elementary

Teacher Letters

(continued)

Dear Andie Root,

First of all, I want to thank you for giving us the opportunity to participate in your program another year. This year was a lot different than every other year since we did pretty much everything online through distance learning. I was really bummed that we were not able to get you to come in and present this year. You do such a great job! Hopefully next year you will be able to do your presentation for us.

I also want to thank Idaho Power for sending us the take home kits for the students to use at their own homes. I know for a fact that most of the students implemented the various items into their homes. I also thought the teacher guides were fairly easy to follow and I loved the hands-on activities that were suggested in the curriculum. My favorite thing to do was to building the solar ovens. I was able to get supplies for every student and we made s'mores during the day. It was great! We started school back up just in time to do that project. It is easily their favorite project to do during the program.

Again, thank you for your dedication to our students and for making this unit an enjoyable and memorable experience!

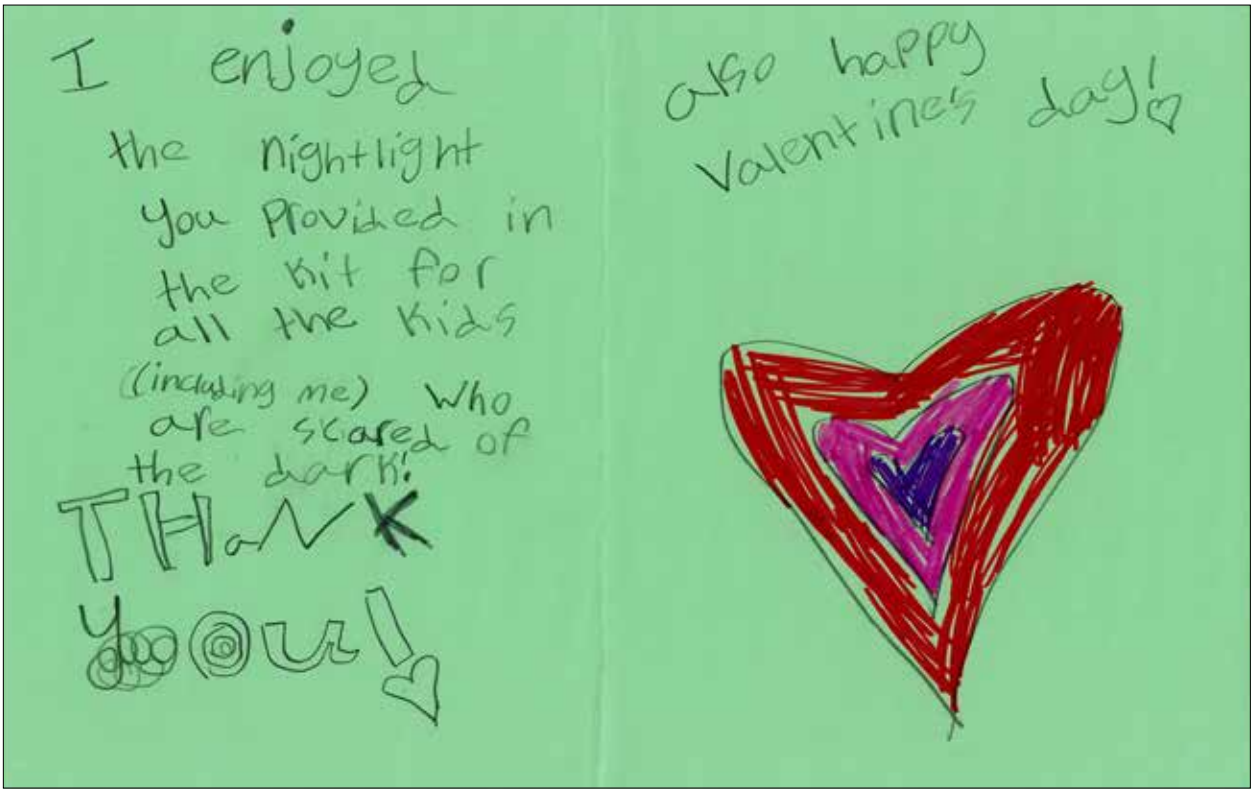
Sincerely,

Zach Dwello

Zach Dwello

Student Letters

(continued from page 28)



Student Letters

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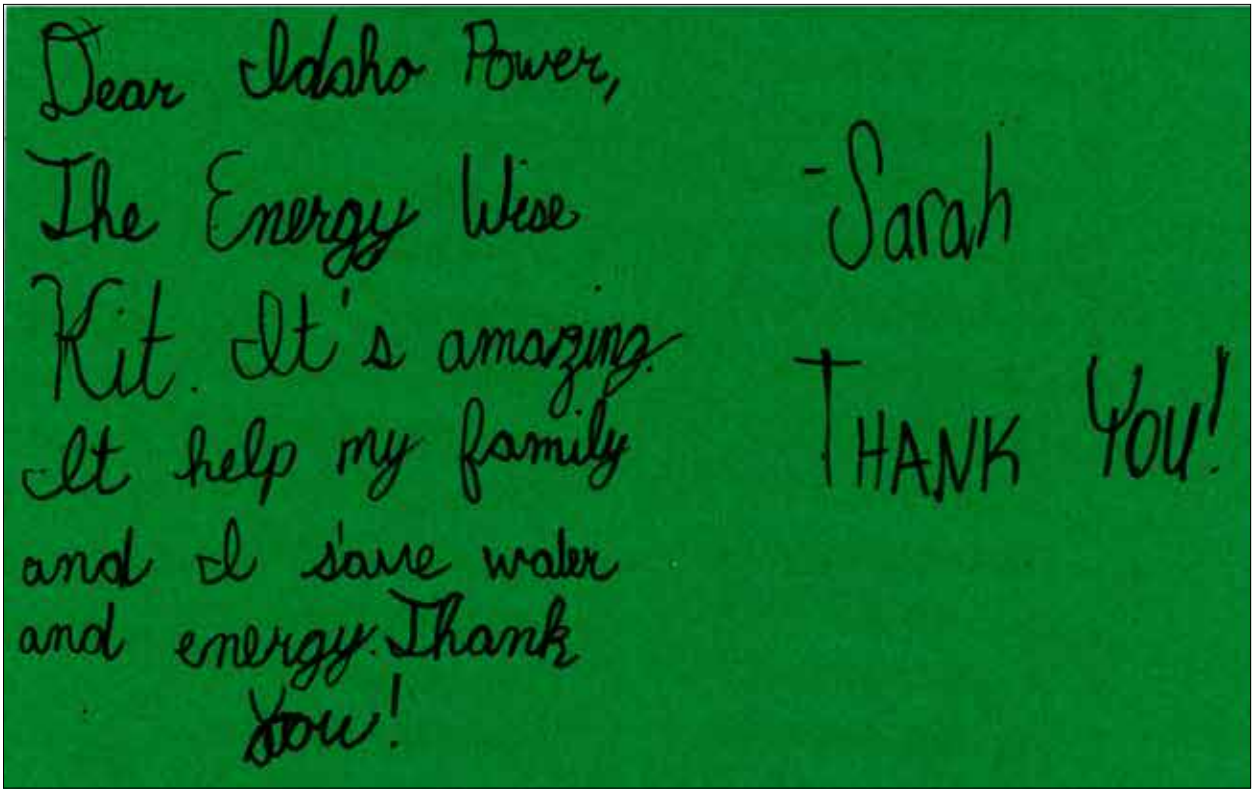
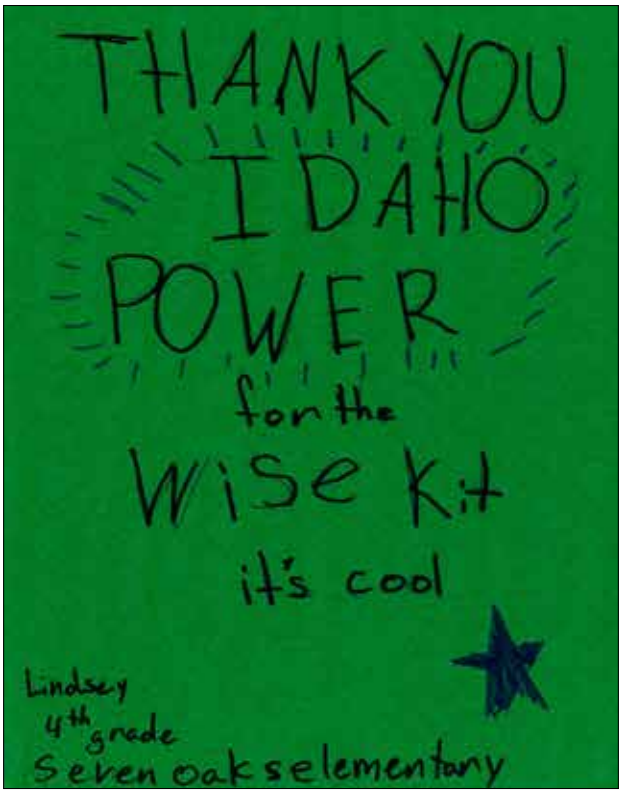
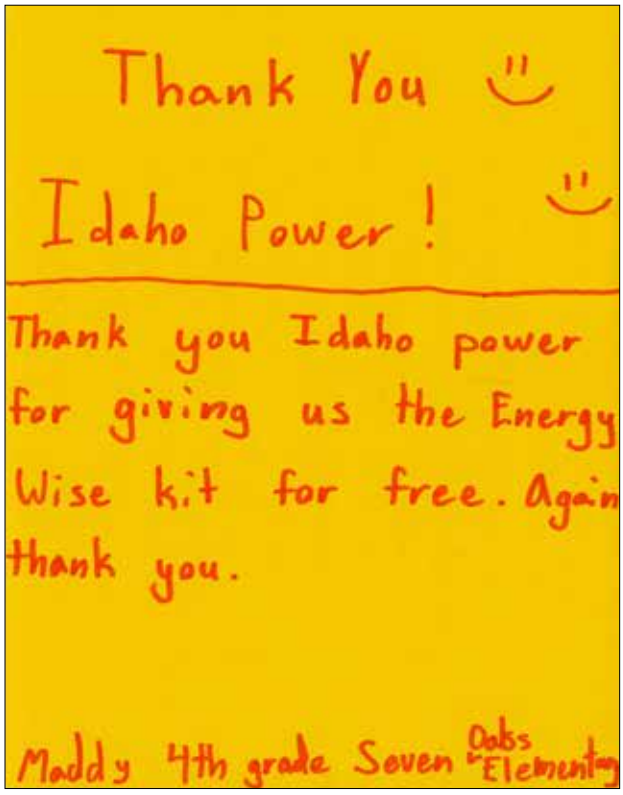


Student Letters

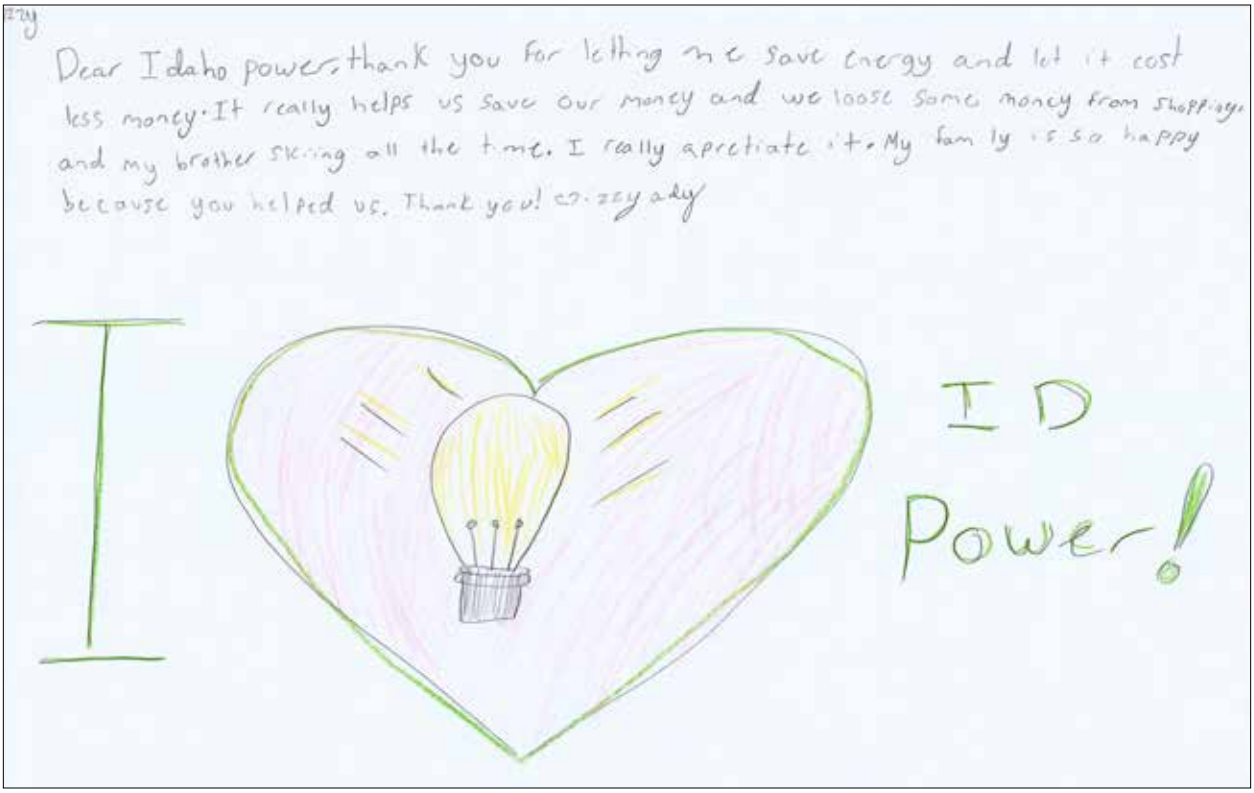
(continued)





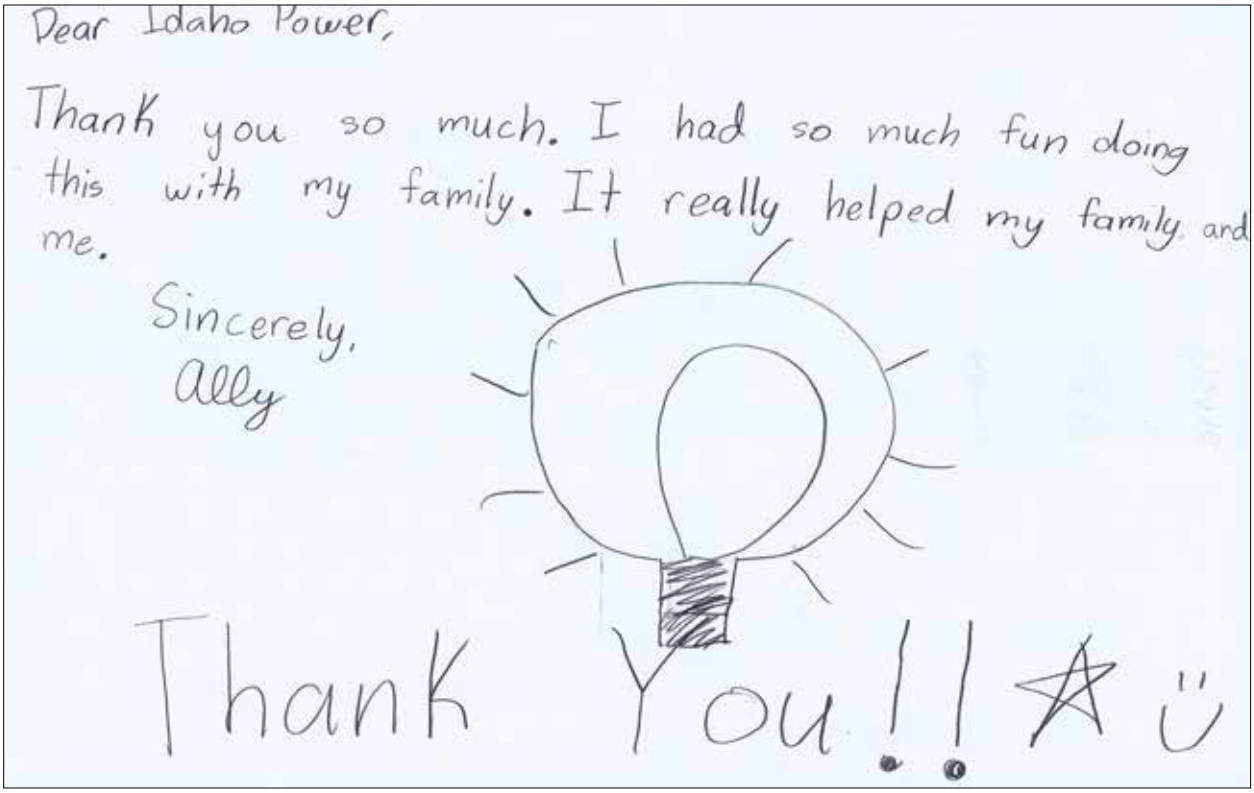
Student Letters

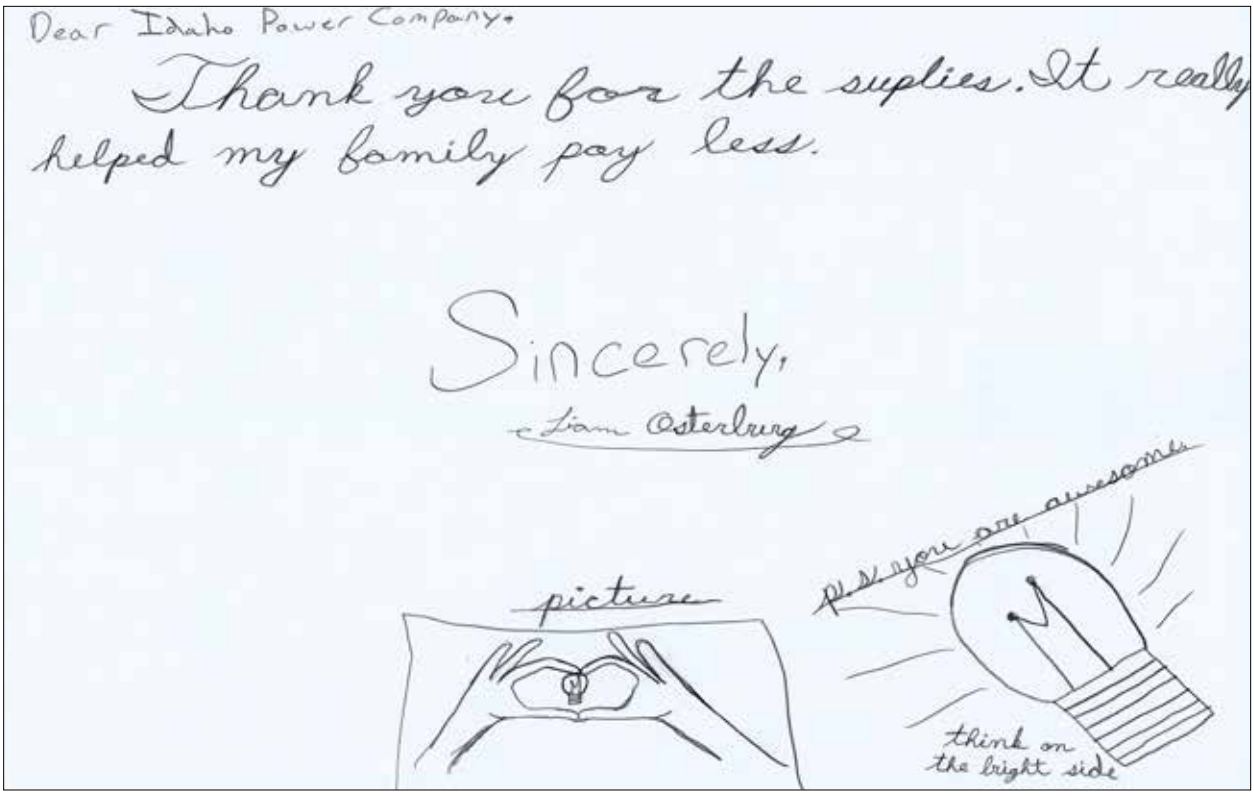
(continued)



Student Letters

(continued)





Participant List

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Western	Annex Charter School	Dean Seward	1	19	Yes
Southern	Carey Public School	Jan Morey	1	16	Yes
Canyon	Centennial Elementary School	Diane Gharring	1	29	Yes
Canyon	Centennial Elementary School	Doris Atherton	1	29	Yes
Canyon	Centennial Elementary School	Chris Wilmes	1	29	No
Capital	Chief Joseph School Of The Arts	Linda Conry	1	25	Yes
Capital	Chief Joseph School Of The Arts	Kelley Gove	1	25	No
Eastern	Chubbuck Elementary School	Lori Schmitt	1	20	No
Eastern	Chubbuck Elementary School	Christenia Coast	1	21	No
Capital	Collister Elementary School	Lisa Baker	1	31	No
Canyon	Crimson Point Elementary	Tonia Burbank	1	30	No
Canyon	Crimson Point Elementary	Julie Butler	1	30	No
Canyon	Crimson Point Elementary	Lisa Schmidt	1	30	No
Canyon	Crimson Point Elementary	Randi Davis	1	12	No
Capital	Cynthia Mann Elementary School	Rachael Cromie	1	31	No
Capital	Cynthia Mann Elementary School	Emily Rebich	1	26	No
Capital	Cynthia Mann Elementary School	Beth Laugheed	1	12	No
Eastern	Donald D. Stalker Elementary School	LaNita McRae	1	23	No
Eastern	Donald D. Stalker Elementary School	Lisa Clark	1	22	No
Western	Donnelly Elementary	Melissa Maini	1	23	No
Western	Donnelly Elementary	Brakae Campbell	1	25	Yes
Capital	Eliza Hart Spalding Elementary School	Shawna Brenna	1	26	No
Capital	Eliza Hart Spalding Elementary School	Sarah Williams	1	26	Yes

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Eliza Hart Spalding Elementary School	Brian Jensen	1	26	No
Capital	Eliza Hart Spalding Elementary School	Krista Johnson	1	26	No
Eastern	Ellis Elementary School	Sherry VanEvery	1	24	No
Eastern	Ellis Elementary School	Margo Lamont	1	24	No
Eastern	Ellis Elementary School	Kim Benson	1	24	No
Capital	Foothills School of Arts and Science	Justin Brune	1	12	No
Capital	Foothills School of Arts and Science	Jude McDougall	1	13	No
Western	Fruitland Elementary School	Linda Langley	1	17	No
Western	Fruitland Elementary School	Stacy Wescott	1	18	Yes
Western	Fruitland Elementary School	Heather Llanas	1	20	Yes
Western	Fruitland Elementary School	Amber Bridgewater	1	20	Yes
Western	Fruitland Elementary School	Ish Green	1	18	No
Western	Fruitland Elementary School	Suzy Hrizuk	1	21	Yes
Capital	Garfield Elementary School	Katie Tunca	1	26	Yes
Capital	Glenns Ferry Middle School	Liza Martin	1	36	Yes
Southern	Gooding Elementary/Middle School	Tracie Anderson	1	29	No
Southern	Gooding Elementary/Middle School	Winona Gurney	1	30	Yes
Southern	Gooding Elementary/Middle School	Kate Rippee	1	29	No
Southern	Gooding Elementary/Middle School	Cameron Knigge	1	30	No
Southern	Gooding Elementary/Middle School	Samantha Knittle	1	110	Yes
Capital	Grace Jordan Elementary School	Darwood Ashmead	1	31	No
Capital	Grace Jordan Elementary School	Jason Fewkes	1	28	No
Capital	Grace Jordan Elementary School	Shannon Nicholson	1	28	No

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Hawthorne Elementary School	Susie Noland	1	28	Yes
Western	Henry L Slater Elementary School	Stephanie Lardy	1	24	No
Western	Henry L Slater Elementary School	Linda Pelroy	1	22	No
Western	Henry L Slater Elementary School	Ms. Thomas	1	22	No
Southern	Heritage Academy School	Renette Reyes	1	15	No
Southern	Hilltop SDA School	Bobi Crenshaw	1	11	No
Western	Homedale Elementary	Toby Johnson	1	22	No
Western	Homedale Elementary	Robyn Chandler	1	22	No
Western	Homedale Elementary	Kayla Blackstock	1	22	No
Western	Homedale Elementary	Lesa Folwell	1	22	No
Western	Homedale Middle School	David Hann	1	1	No
Western	Homedale Middle School	Heather Landa	1	100	No
Canyon	Idaho Arts Charter School (K-4)	Jill Schmoll	1	30	Yes
Eastern	Indian Hills Elementary	Mark Bowman	1	25	No
Eastern	Indian Hills Elementary	Heidi Austin	1	25	No
Eastern	Indian Hills Elementary	Deri Hall	1	25	No
Eastern	Indian Hills Elementary	Janet Plowman	1	25	No
Eastern	J R Simplot Elementary School	Bill Morris	1	52	No
Eastern	J R Simplot Elementary School	Michelle Anderson	1	26	No
Eastern	J R Simplot Elementary School	Madison Brambila	1	26	No
Eastern	J R Simplot Elementary School	Lachele Wheeler	1	26	Yes
Western	Keating Elementary School	Amanda Wilde	1	20	Yes
Canyon	Lincoln Elementary School	Joana John	1	26	Yes

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Southern	Lincoln Elementary School	Alexis Boyle	1	30	Yes
Southern	Lincoln Elementary School	Courtney Day	1	30	Yes
Southern	Lincoln Elementary School	Danielle Alger	1	25	Yes
Capital	Lowell Elementary School	Cory James	1	26	Yes
Western	Marsing Elementary School	Danielle Swanson	1	21	No
Western	Marsing Elementary School	Stevi Campbell	1	31	Yes
Western	Marsing Elementary School	Jodette Lemos	1	31	Yes
Western	Meadows Valley School	Courtney Fisher	1	18	Yes
Western	Meadows Valley School	Brent LaFay	1	18	No
Canyon	Middleton Heights Elementary School	Kim Platt	1	22	No
Capital	Morley Nelson Elementary School	Alisha Coy	1	27	Yes
Southern	Morningside Elementary School	Katie Mancari	1	22	No
Southern	Morningside Elementary School	Sandy Paul	1	23	No
Southern	Morningside Elementary School	Stephen Rahe	1	23	No
Southern	Murtaugh Elementary School	Brooke Stanger	1	27	No
Canyon	Nampa Christian School	Zachary Dwello	1	21	Yes
Western	New Plymouth Elementary School	Dorothy Woods	1	25	Yes
Western	New Plymouth Elementary School	Jolene Taggart	1	27	Yes
Western	New Plymouth Elementary School	Christy Norris	1	25	Yes
Southern	Oregon Trail Elementary School	Chrystine Heimdal	1	35	No
Canyon	Park Ridge Elementary School	Andrea Wallin	1	25	Yes
Canyon	Park Ridge Elementary School	Allison Garrison	1	25	Yes

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Pioneer School Of The Arts	Nadine Bennett	1	30	Yes
Capital	Pioneer School Of The Arts	Anissa Bramlet	1	29	Yes
Capital	Pioneer School Of The Arts	Brent Jons	1	30	No
Capital	Pioneer School Of The Arts	Cindy Potts	1	30	No
Eastern	Pocatello Community Charter School	Stephanie England	1	26	No
Eastern	Pocatello Community Charter School	Cara Sonneman	1	26	No
Capital	Ponderosa Elementary School	Kris Pfaff	1	35	Yes
Capital	Ponderosa Elementary School	Veronica McAchran	1	34	Yes
Southern	Popplewell Elementary School	Cathy Butenschoen	1	30	No
Southern	Popplewell Elementary School	Bill Clements	1	30	No
Southern	Popplewell Elementary School	Melinda Fontana	1	30	No
Southern	Popplewell Elementary School	Kelly Perron	1	30	No
Capital	Prospect Elementary	Kit Shuman	1	26	No
Capital	Prospect Elementary	Stephanie Lewis	1	25	Yes
Capital	Prospect Elementary	Daly Hull	1	26	No
Capital	Prospect Elementary	Sophia Roe	1	27	No
Capital	Prospect Elementary	Sharleen Thurston	1	26	Yes
Canyon	Reed Elementary	Arielle Jensen	1	29	No
Canyon	Reed Elementary	Jennifer Dolan	1	29	Yes
Canyon	Reed Elementary	Mary Holmes	1	29	No
Canyon	Reed Elementary	Adrianna Cuchillo	1	29	No
Capital	River Valley Elementary School	Dena Jozwik	1	27	No

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Southern	Rock Creek Elementary	Julie Delia	1	32	Yes
Southern	Rock Creek Elementary	Andy Arenz	1	32	No
Southern	Rock Creek Elementary	Pauli Connelly	1	31	No
Southern	Rock Creek Elementary	Donna Alexander	1	31	Yes
Eastern	Rockland Elementary School	Heidi Stiffler	1	11	No
Capital	Rose Hill Montessori	Julie Douglas	1	22	No
Canyon	Sacajawea Elementary School	Penny Washburn	1	30	No
Canyon	Sacajawea Elementary School	Jennifer Howell	1	30	No
Canyon	Sacajawea Elementary School	Terra Hurd	1	30	No
Southern	Sawtooth Elementary School	Emily Martin	1	25	Yes
Capital	Seven Oaks Elementary School	Heather Neptune	1	25	Yes
Capital	Seven Oaks Elementary School	Liz Paradis	1	25	Yes
Capital	Seven Oaks Elementary School	Jennifer DeMarini	1	26	Yes
Western	Shadow Butte Elementary School	Melissa Stringfield	1	25	No
Western	Shadow Butte Elementary School	Christina Henery	1	26	No
Western	Shadow Butte Elementary School	Kristina Maxwell	1	27	No
Capital	Silver Sage Elementary School	Lisa Jimenez	1	28	Yes
Capital	Silver Sage Elementary School	Kelcey Moore	1	26	Yes
Capital	Star Elementary School	Carmi Scheller	1	36	Yes
Capital	Star Elementary School	Angela Fulkerson	1	36	Yes
Capital	Star Elementary School	Joyanna Galan	1	31	Yes
Capital	Stephensen Elementary School	SD Rhatigan	1	32	Yes
Capital	Stephensen Elementary School	Mr. Trouten	1	31	No

Note: "T" represents number of teachers and "S" represents number of students

Participant List

(continued)

REGION	SCHOOL	TEACHER	T	S	SURVEYS RETURNED
Capital	Taft Elementary School	Jessica Rose	1	25	No
Capital	Taft Elementary School	Sarah Wright	1	23	Yes
Eastern	Tendoy Elementary	Diana Son	1	25	Yes
Eastern	Tendoy Elementary	Cody Perry	1	24	Yes
Southern	Valley Elementary	Holly Hall	1	23	Yes
Southern	Valley Elementary	Jennifer Bailey	1	23	Yes
Capital	Valley View Elementary School	Meko Myers	1	25	Yes
Capital	Valley View Elementary School	Shawna Hiller	1	25	Yes
Eastern	Wapello Elementary School	LaNae Porter	1	24	No
Eastern	Wapello Elementary School	Kristine Schnittgen	1	26	Yes
Canyon	Washington Elementary School	Heather Mueller	1	26	Yes
Canyon	Washington Elementary School	Kyle Backlund	1	26	No
Canyon	Washington Elementary School	Joleena Malugani	1	26	Yes
Capital	West Elementary School	Travis Henke	1	25	Yes
Capital	West Elementary School	Tricia Henke	1	25	No
Capital	Whitney Elementary School	Tasha Crowell	1	26	Yes
Capital	Whitney Elementary School	Eden Rodriguez	1	33	No
Eastern	William Thomas Middle School	Kelly Coleman	1	125	Yes
		TOTALS	154	4,210	
		TOTAL PARTICIPANTS		4,364	

TOTAL PARTICIPATING SPRING TEACHERS 154	66	43%	YES
	88	57%	NO

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