



# Energy Conservation Action Plan

**What is the problem/issue to improve and why is it a problem/in need of improvement?**

We learned that one of the biggest bills the school district has is its energy bill. Reducing our energy will not only lower the “electric bill”, but will reduce our school’s carbon footprint.

**Consider how it is impacting people, the school, the economy and/or the environment?**

If the district can save money then more money can go toward teacher pay, student needs or more energy efficient units and appliances at the school. Reducing our carbon footprint is the responsible thing to do in an effort to reduce impacts related to climate change.

**What action(s) will we take?**

Members of the Eco-Action team will serve as energy managers and develop a plan to monitor energy use at our school. We hope to develop a successful model and that we will be able to share our metrics with the school district for district-wide support.

**How will we persuade people at school to change current practices in order to solve the problem or make improvements?**

**Who will do it?**

- Eco-Action team members
- District energy management office
- Local energy provider

**Who are the community experts and leaders that can help us solve the problem or make improvements?**



**What is the timeline for completion-for goals to be accomplished?**

Be as specific as possible – goals can be modified.

1. Organize the team by mid-October.
2. Develop a plan before Thanksgiving.
3. Implement campaign and collect data between January 15 and April 15.
4. Analyze results and create a presentation to share with school board, at the district’s principal meeting and with our school.
5. Presentation, end of May.

**How and when will we monitor our progress toward our goals?**

- The Eco-Action energy managers will develop a time table for data collection and the metrics to be collected. Monitoring and updating progress will be based on their recommendations.
- We will use our regularly scheduled Eco-Action team meetings, twice a month to support our energy managers and allow them time to update the entire team on our progress.

**What will success look like?**

Success:  
Creation of an energy management team who create a model example for energy management at school that reduces costs and our carbon footprint. We also want this model to be replicated by other schools throughout our district.

**What materials do we need to solve our problem/accomplish our goals?**

Do we have them at school? Will we need any money? Where can we find donations?

- We will work with our energy provider and our district energy managers to borrow lumen meters to test light output in classrooms and common areas.
- A local office supply store has gifted us \$100, for paper, markers, poster boards, etc. to be used for our campaign.
- No other supplies will be needed, based on our initial plan.