




Take a bus, bike, walk, or carpool to school or a friends house 1.	Draw a picture of WalIEE solving an energy problem 6. 	Play a game with family without using electronics 11.	Recycle papers you don't need for class anymore 16.	Take a 5-minute shower 21. 
Have a meatless meal 2. 	Pick up three pieces of trash 7.	Draw a fluorescent light bulb and an incandescent light bulb 12.	Go around your house and inspect all windows for leaks 17. 	List 3 items that are always plugged in 22.
Unplug 3 vampire loads (or use power strip) 3.	Turn off the lights with no one in the room 5 times 8.		Don't watch tv for a whole day 18.	Reuse a lunch box or bag 3 times 23. 
Make a list of things in your classroom that use energy 4.	Count all the lights in your house 9. 	Play outside for an hour 14.	Put up a county recycling guide above the recycling 19.	Eat dinner with reusable plates & silverware 5 times 24.
 Fill a reusable water bottle 4 time 5.	Tell someone 3 things you learned about energy 10.	Turn off water while brushing teeth for 3 days in a row 15.	 Pack a trash-free lunch 20.	Put up your classroom walIEE Paw Prints 25.

wallEE's Energy Detective Tips

1. When you don't use your family's car and either share transportation with many people (bus), or don't use fueled transportation at all (walk/bike), you save gasoline and conserve natural resources.
2. When you eat vegetables and beans instead of meat, you can save water, protect animals, and improve your health.
3. "Vampire loads" refer to energy that is consumed by electronics even when the electronic is not powered on.
4. By making a list of items used in your average day that use electricity, you can become aware of how much energy you use and learn to conserve what you can by unplugging and using those items sparingly.
5. By reusing a water bottle, you can save plastic and stay hydrated.
6. If you draw a picture of WallEE solving an energy problem, you can prove your detective skills of problem and solution identification.
7. By picking up trash, you are helping get rid of pollution and make the earth cleaner, prettier, and healthier.
8. By turning off lights when they aren't in use, you can save energy from being wasted.
9. By counting the lights in your house, you can learn where light sources are located and check to make sure they are off as well as become aware of how many light sources your family has.
10. By telling someone three things you learned about energy, you inform someone new of those facts and reinforce them in your brain so that you remember them longer.
11. By playing a game with family that doesn't require electronics, you bond with family members and save energy.
12. By drawing a fluorescent and incandescent light bulb, you can see the difference between the two, making it easier to identify them.
13. When you earn your detective badge, you commit to learning new things and solving energy problems in the world around you.
14. By playing outside for an hour, you can get exercise and spend time away from electronics. This both saves energy and keeps you healthy.
15. By turning off the water when you brush your teeth, you can save water.
16. By recycling papers you don't need anymore, you are not only becoming more organized, but you are letting that paper be used for something new.
17. By inspecting your windows for leaks, you are helping find where energy is being wasted and can then solve that by closing the leaks.
18. By not watching tv for a day, you are using less electricity, and you can use this free time read or do something outside.
19. You can't recycle everything! It's important to know what you can and *cannot* be recycled
20. By using plastic tupperware and eating things that don't have wrappers, we can reduce our trash from food and eat healthier
21. By taking a shorter shower, you can save water and energy that was used to make your water hot.
22. By listing household items that are always plugged in, you get to see just how much electricity is being used each and every day.
23. By reusing our lunch boxes and lunch bags, we can reduce how much trash is thrown away each day. Same goes for grocery shopping bags
24. By using reusable plates, you reduce the amount of trash being used. This includes plates, cups, forks, knives, spoons and more
25. Cut out and stick up your wallEE Paw Prints on places where you can be green (light switch, faucet, recycle bin/trash can etc..)

When finished, have a parent or guardian AND your teacher sign below to confirm the completion of each square on the board.

Tweet a picture of your best Energy Detective Challenge pictures to @HsSpots, @OURSchoolsMD, and your school

Student Name _____

Homeroom Teacher _____

Parent Signature _____

Energy Detective Challenge

Instructions:

- Students complete the task identified in a square, once the full board is complete, the student will receive a prize
- Parents must sign the completed board to ensure it was done properly
- Students will turn in their completed boards to their homeroom teacher
- The grey squares are to be completed in the classroom
- The white squares are to be completed at home
- The middle square, with WalIEE The Clean Energy Dog, is a free space
- Tweet your pictures of your Energy Detective actions and/or completed squares to @HsSpots, @OURSchoolsMD, and your school along the way.

*Students are encouraged to complete their Challenge boards. Pizza party will be rewarded to the class with the highest percentage of students to complete the Energy Detective Challenge.

Point System

- The winning class will be determined by percentage points earned through turned in boards and teacher tweets
- The number of tweets cannot exceed the number of completed Energy Detective Challenge boards received

For example, if 10 students of your class of 20 turned their Energy Detective Challenge boards in, you would be awarded **50 points** because 50% of your class completed the challenge. If you also tweeted 5 times, that would be an additional **25 points** because you have the number of tweets for 25% of your class.

Therefore, the **maximum number of points possible will be 200**. This would mean 100% of your class turned in completed Energy Detective Challenge boards AND the number of tweets posted matched the total number of students in your class.

Please contact Gabe Bustos at gabe@ourschoolsprogram.com if you have questions