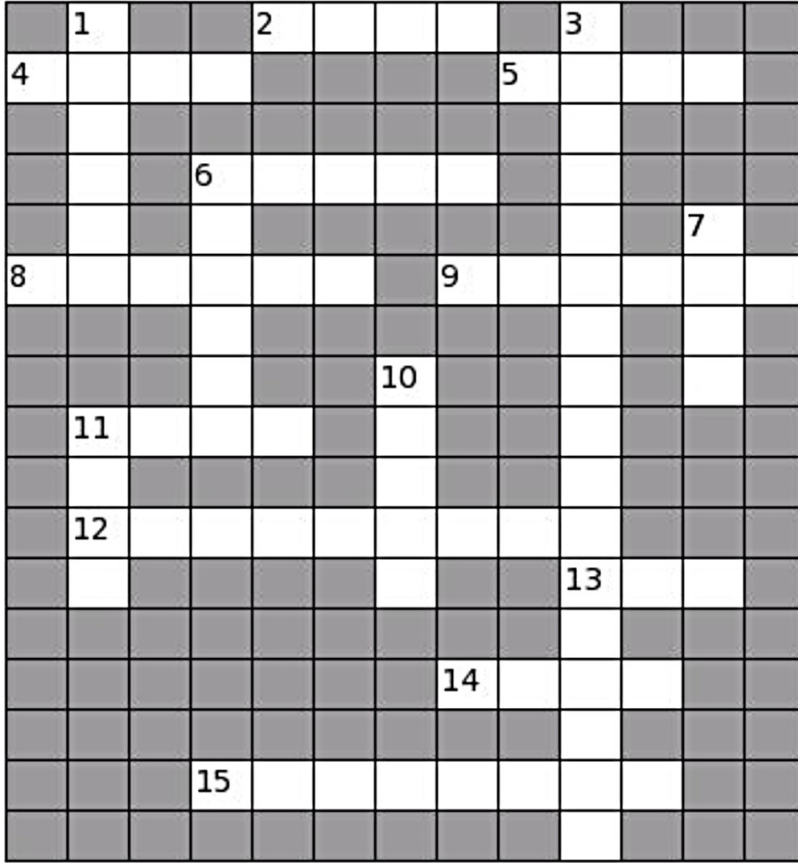


Mt. Diablo Unified School District Resource Conservation

1480 Gasoline Alley
Concord, California 94520
(925) 825-7440 x3809

ACROSS

2. Wait for _____ loads in machines before running them.
 4. Turn off lights when we don't need them to _____ power.
 5. _____ is burned to make steam and produce power.
 6. A power _____ is a great way to add a mechanical switch to devices that waste energy.
 8. The _____ star logo means a device uses less power.
 9. Keep doors and windows _____ when using AC or Heater.
 11. Turbines spin from water, steam and _____ to make electricity.
 12. The best sources for power are _____ because they can be used again and again.
 13. A 3 letter abbreviation for a high tech light bulb is ____.
 15. _____ the refrigerator wastes more power than knowing what you want and closing the door quickly.
- ** 14. Extra Credit: An "electron hose" is a fun name for _____.



DOWN

1. When things burn they release heat and _____.
 6. Reading materials on your computer _____ is better for the environment than printing.
 7. Most wasted energy gets away in the form of _____.
 10. Power made from the sun is often called _____ power.
 11. If you put your hand near a device and it is _____ you know it is using power. This is true even if it is turned off.
- *** 3. Extra Credit: This is two words back to back that describe what happens when you take energy from a power source.
- Hints: The first of the two words also has to do with getting information on to a computer from the internet. The second word - electricity is the flow of _____.

Good to Know Many Ways We Leak Energy			
Leaking Energy			
Standby	Annual Kwh	Annual \$\$	
Radio	13.1		\$2.16
Cordless Phone Base	28.9		\$4.77
LCD Monitor	22.8		\$3.76
Desktop Computer	311		\$51.32
Laptop	144.5		\$23.84
Laser Printer	113		\$18.65
Convection Microwave	35		\$5.78
Rechargeable Toothbrush	12.3		\$2.03
Active Standby			
Plasma TV	1452.4		\$239.65
VCR	92		\$15.18
DVD Player	78		\$12.87
Game Console	233.9		\$38.59
Total:	2536.9	Total:	\$418.59

DOWN: 1. carbon 6. screen 7. heat 10. solar 11. warm *** 3. download electrons

ACROSS: 2. full 4. save 5. coal 6. strip 8. energy 9. closed 11. wind 12. renewable 13. CFL 15. browsing ** 14. wire