

**1. In the winter, you should set your ceiling fan:**

- B. To spin clockwise on low speed.

Set your ceiling fan to spin clockwise during the winter. The leading edges of the fan blades should point down, allowing the fan to pull cool air upwards and push warm air near the ceiling down towards the floor. If possible, set your fan for a low speed.

**2. According to the U.S. Department of Energy, in the winter you should set your thermostat to:**

- C. 68 degrees while you are awake/at home

In the winter, set it to 68 degrees while you are awake and at home and lower it when you are asleep and away from home. Turning your thermostat back 10 degrees to 15 degrees for 8 hours can save 5 percent to 15 percent a year on a heating bill.

**3. Vermicomposting is the process of:**

- A. Using worms to process organic food waste into nutrient-rich soil

Vermicomposting, or worm composting, is the indoor method of composting. It is the process of using worms to process organic food waste into nutrient-rich soil.

**4. Worms like:**

- D. Shredded cardboard

Worms like:

- Fruit and vegetable scraps, including skins, peels and pits (avoid/ add very little onions, garlic, citrus); egg shells - thoroughly rinsed; coffee grounds and accompanying paper filters; tea bags (remove staples); bread; dead leaves of houseplants; newspaper-shredded (avoid glossy paper); cardboard - shredded

Worms hate:

- Meat; Fish; Dairy; Fatty, greasy, oily foods; Chemicals; Inorganic Material; Light

**5. Try to turn off your faucet while shaving and brushing your teeth. Letting your faucet run for five minutes while shaving and/or brushing your teeth uses up to:**

- A. 8 gallons of water a day

Letting your faucet run for five minutes while shaving and/or brushing your teeth uses about as much energy as letting a 60-watt light bulb run for 14 hours, and uses up to 8 gallons of water a day.

**6. Which of the following is FALSE about rock salt (the mineral form of sodium chloride)?**

- E. It is safe for plants

Sodium chloride is the most damaging deicer for plants. Excessive salt in the soil around a tree changes the soil structure, raising pH levels, reducing drainage, and ultimately making an uninhabitable environment for the plant.

**7. True or False:**

A furnace or central air conditioning system has to work harder to return a home back to the set temperature after it's been shut off, resulting in little energy savings.

**False.** Don't be afraid to turn off the thermostat. It's a common misconception that a furnace or central air conditioning system has to work harder to return a home back to the set temperature after it's been shut off, resulting in little energy savings. In fact, the opposite is true.