If Everybody's Doing It…

Purpose of Activity: To inform residents about the Eco Power software and discuss the impact of various energy consumption habits

Materials Needed:
- Tips provided
- Fabric backing (butcher paper if needed)
- Decorations

Content:
1. Check out your "carbon paw print" with the interactive Eco Power software found here
    a. www.life.arizona.edu/ecopower
2. If everyone who lived in the halls used energy in the following ways, this would be the impact over the course of the school year:
    a. Hair Dryers: blow dry hair for 15 minutes a day
        i. Equivalent to annual greenhouse gas emissions from 174 cars
        ii. Would need to grow 21,424 tree seedlings for 10 years to sequester the carbon
    b. Desk Lamps: turn on desk lamp for 3 hours a day.
        i. Using LED lights in your lamp can make a huge difference
        ii. Incandescent vs. LED
            1. Incandescent
                a. Annual greenhouse gas emissions from 67 cars
                b. Would need to grow 8,206 tree seedlings for 10 years to sequester the carbon
            2. LED
                a. Annual greenhouse gas emissions from only 13 cars
                b. Would need to grow only 1,641 tree seedlings for 10 years to sequester the carbon
    c. Natural light: use natural light and cut two hours of overhead light use per day
        i. Savings from switching from 8 hours a day to 6 hours a day of overhead light use
            1. Annual greenhouse gas emissions from 83 cars
            2. Do not need 10,212 tree seedlings to grow for 10 years
    d. Energy Star: use Energy Star rated TVs
        i. Savings from using an Energy Star rated TV (vs. standard) for 3 hours a day
            1. Annual greenhouse gas emissions from 27 cars
            2. Do not need 3,419 tree seedlings to grow for 10 years