Personal Electricity Consumption Assessment

List the items in your bedroom that consume electricity and the power they require. Estimate the average hours of use (note if this is per day, per week, etc.). Multiply power (Watts) by time (hours), and use appropriate conversion factors (below) to calculate the electricity consumption in kilowatt-hours/year.

Energy = Power * Time 1000 W = 1 kW 3600 seconds = 1 hour Power = Volts * Amps 1000 Wh = 1 kWh 60 minutes = 1 hour 365 days = 1 year 52 weeks = 1 year

Equipment	Equipment Power (Watts or Volts*Amps)	Average Hours of Use (note per day, per week, etc.)		Annual Electricity Consumption (kWh)
Desk lamp	60 W	3 hours (per day)	$60W \times \frac{3hr}{d} \times \frac{365d}{yr}$	$\times \frac{1kW}{1000W} = 65.7 \frac{kWh}{yr}$