



# Scavenger Hunt

! Play your favorite song on the xylophone.   
Write the notes below:

! Can you balance longer with your feet close together or farther apart?

! How many bulbs can you light in a circuit before the circuit overloads?

! Play "Ode to Joy" on the digital music box. (The music is with the harp.)

! Draw the shapes you can make  using small triangles. How many shapes can you make?

! Write your age like a computer  would write it. (binary digits)

! What happens to the current each time the doorbell rings?

! What happens to light when it hits a convex lens and then concave lens?

! What is the average height of your class?

! Play your favorite song on the laser guitar. How did you change the pitch?

! Light 3 bulbs in a parallel circuit. Then, light 3 bulbs in a series circuit. What is the difference in the currents and the bulbs?

! Challenge yourself to a reaction speed race. Which is quicker to use, one finger or your whole hands?



! Draw the type of magnet that is easier to use when drawing a magnetic picture.