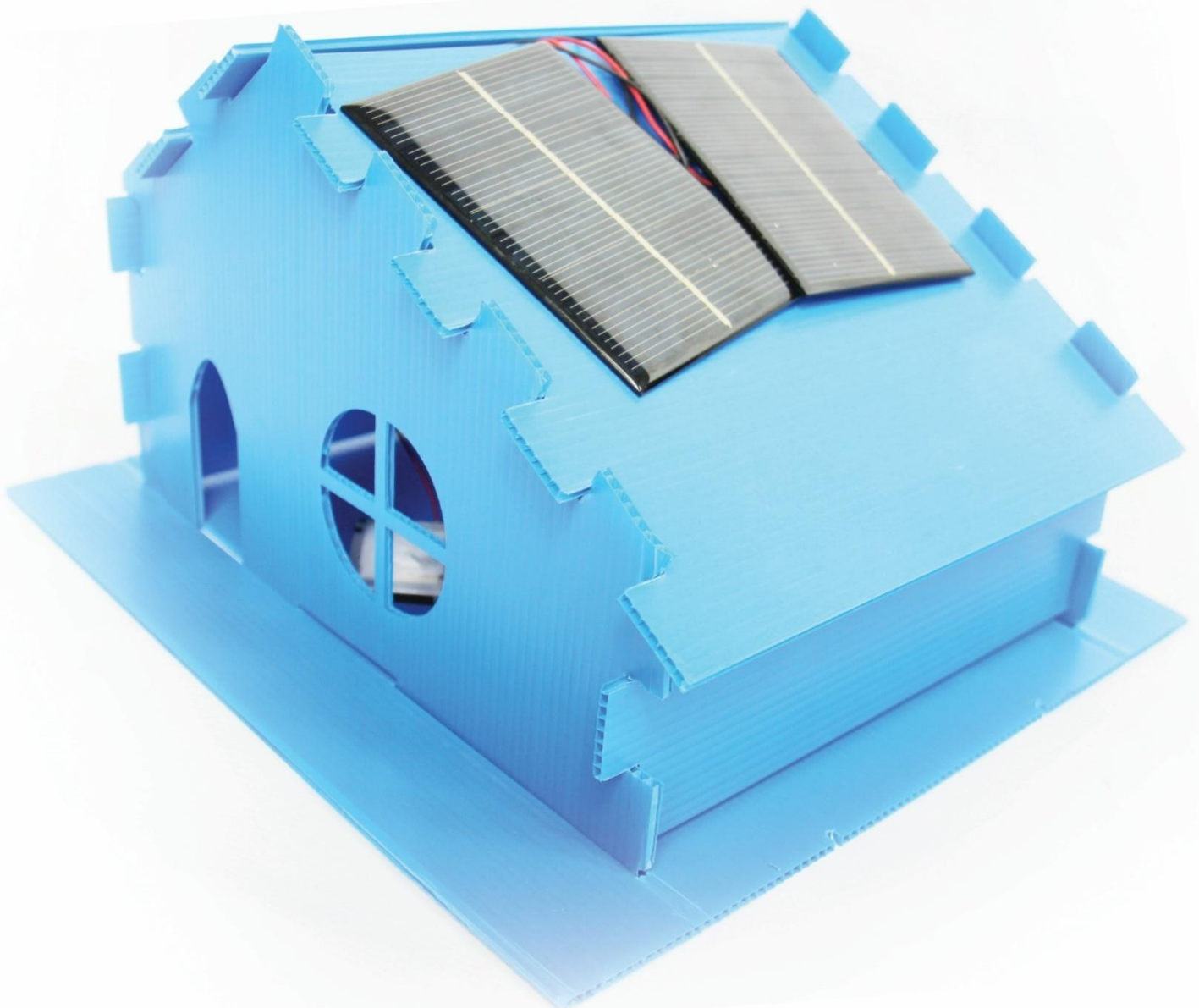


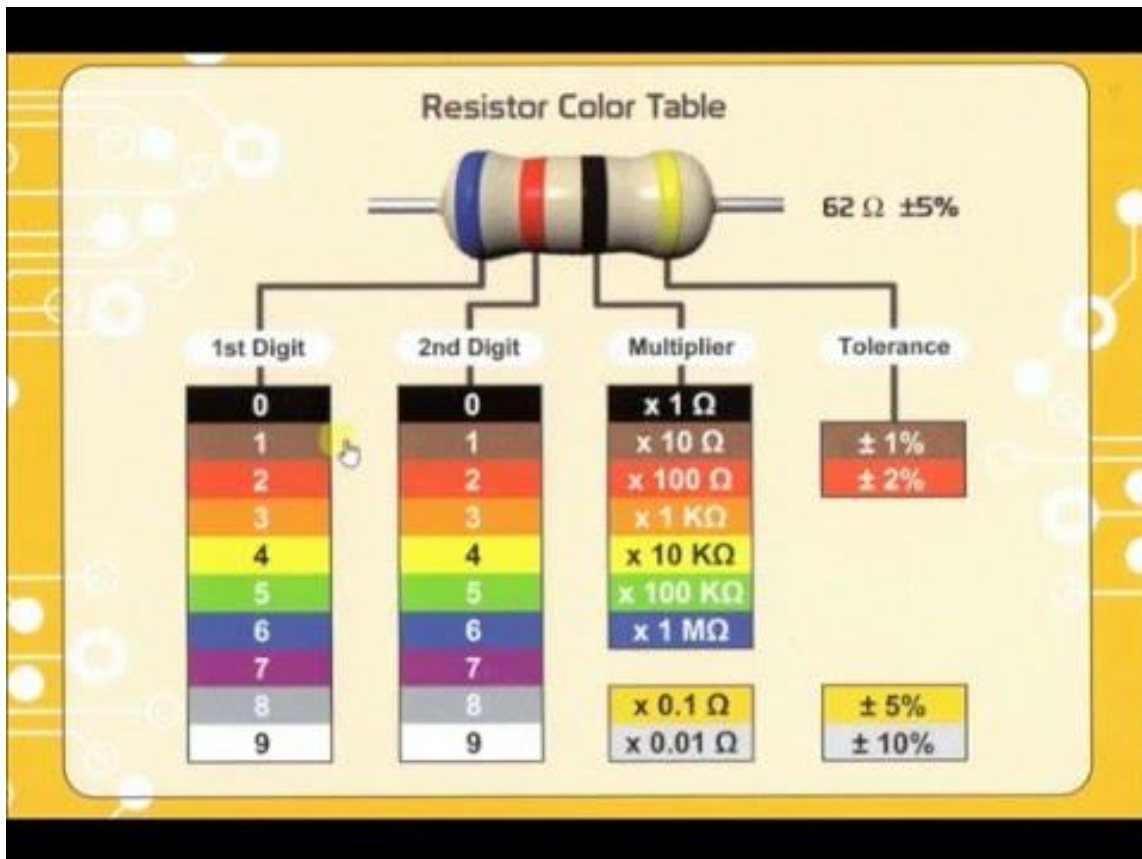


LearnOBots
Think Explore Make

SOLAR HOUSE

How to Read Resistance Color Code?





1. The 1st band is the first number of the Resistance
2. 2nd band gives the second number of the resistance
3. 3rd band from left gives the number that is the multiplier or gives the number of zeroes that come after the 2nd number.
4. The last band or the right most band is either in gold or silver, it is the tolerance or the deviation from the labelled value of resistance. (Gold is 5% and Silver is 10%).

In the Example above, the left most band is blue so check the chart, blue is number 6, that is the first number of the resistance. Now look at the second band from left that is in red, Red is 2, so our value becomes 62 up till now. Read the third band from the left, the black color is zero, that means we won't add any zeroes after the number 62. The fourth band (right most band) is the tolerance, in this case its golden that means its 5% (5% less or 5% more than the total value mentioned) that means that the actual value of the resistance is somewhere in between 61.9 and 68.1.