JR ACE – PROBLEM SOLVING

PROBLEM SOLVING – Example 1

You and your sibling (who is one year younger) have to share a bedroom, with two twin beds and one closet. The problem is, you are very neat and they are an absolute slob! They leaves their clothes on the floor for weeks, they have plates with old pizza crust and glasses with mold in them on their desk, the floor and their bed. Their half of the closet is an absolute mess and it is starting to drive you nuts! Even worse, they always want to know what you are doing and you cannot even do your homework without distractions. You have no option to move out or change the sleeping situation at this time. So, what can you do to make this a better living situation for yourself, and still live with them without killing them? Assume you have support from your parents who will spend up to $500 to help solve the problem. You have an additional $50 of allowance money, and you’d like to come up with a solution during the two week Christmas break from school.

PROBLEM SOLVING – Example 2

It is a new school year. You have 5 classes, all of which have textbooks, of which 2 are very large and heavy, and 3 are so-so. However, your parents bought you a new backpack in July on sale which was pretty cool, but now you find it only hold the 3 smaller books and 1 large one, or the 2 large ones and 1 smaller one. You have no lockers, so how do you carry all the books you need every day? Your parents say they are not going to buy a bigger backpack, and to make it work.

PROBLEM SOLVING – Example 3

You live in a neighborhood where the street is straight and long, and connects two other more major streets. Thus, it is a race track out your front door. The problem is, there are a lot of little kids, including your little brother and sister, who like to play in the front yard and street, as there is no real back yard in any of the homes. You have contacted the city, but they say budget cuts have tied their hands and they can do nothing about it, including putting in speed bumps. You just know that someone is going to get killed by these drivers, and you for sure do not want it to be your family. What can you do? Assume the entire block wants to do something and will all help to make it happen.