

# LEGO ROBOTICS DAY CAMP

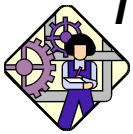


## Scientific Method



### **Watch & Wonder**

Look carefully – what’s the problem?  
Whose problem is it? Brainstorm solutions. Pick one



### **Test & Tweak**

Carefully try each part of your solution, one at a time.  
Run each test at least three times.  
After each part is working, test all the previously tested parts of the solution.  
Check your assumptions.



### **Conclude and Congratulate**

Can this solution be made to work?  
Should you brainstorm some more or keep refining this idea?  
Who helped with this idea?  
Who really thought things through?  
Do you know more now?  
Remember that negative knowledge (“this won’t work”) is important information, it just doesn’t feel as good as positive knowledge (“this does work”).

