

Parents, Meet Dr. QFOSAC

Meet Dr. QFOSAC. His/her name is an acronym developed to help in solving word problems. If you and your child use the acronym to solve homework word problems, you will find that students will be able to determine what to do most of the time. The key is to do the Dr. repeatedly until it the situation the problem involves makes sense. Here is what his/her name stands for:

- D - Do
- r. - Read (*Read over if necessary*)

- Q - What is the actual **Question**? Write it down, underline it or highlight it. Sometimes you will need to write a question since it will give you a direction instead of a question.
- F - What are the numerical **Facts**? Decide what is important and what is not. Sometimes there is dummy info in a problem and is not essential to the solution.
- O - What **operation(s)** must be used? Addition, subtraction, multiplication or division. It can also be the process of estimation, rounding, perimeter, area, volume or average.
- S - **Solve** the equation or problem. Perform the operation or operations to determine the solution.
- A - **Answer** the original question. Students must write a complete sentence or paragraph to the answer. Students are expected to steal from the question (be a "Word Thief") and use all the details possible to support their answer. It must then be boxed.
- C - **Check** your work. Students can do the reverse operation or perform their calculations again.