

# Debbie Johnson

Volunteer Mathematics/Chess teacher



I have been involved in some form of education almost my entire career. Now I am retired and volunteering to support home schooled students in the area of mathematics as well as encouraging a chess club. I bring a wealth of experience to my work.

The logical thinking and analysis exercises taught through the discipline of mathematics as well as playing chess has served me well in my career. I have been able to solve problems that others fear in projects throughout my career. I am a firm believer that it is not specifically the Algebra or Geometry that provides the main value for students, it is the ability to think through a problem to solution. I have also been instrumental in the encouragement of girls to participate in technical endeavors.

It is well documented that playing chess greatly improves reading scores. I believe this is because of the concentration involved with the game. I have been the scholastic chess organizer for the state of Colorado and a chess coach when teaching at Philomath High School in Oregon. I have watched as a huge room of 100 plus K-12 students start a round of chess and you can hear a pin drop!

Other interests I have include all kinds of art and I have a separate farm house as a studio for many projects. I most like to do acrylic painting. I also enjoy many activities from home canning to raising chickens on my homestead in Floyd.

## **Education:**

B.S. in Advanced Mathematics Education – Oregon State University  
5<sup>th</sup> Year completed – Mathematics Education – Oregon State University  
M.B.A. University of Phoenix in Denver, Colorado  
Strategic Planning in a Political Environment – University of Washington  
Project Management – University of Washington

## **Summary Experience:**

Blachley School District – Oregon – 7-12 Math, 7-8 Science.  
Philomath School District – Oregon – 9-12 Math, Computer Programming  
Linn-Benton Community College – Oregon – Computer Literacy  
Air Academy School District – Colorado – 9-12 Mathematics, Computer Programming  
Denver Public Schools – 7-12 – Bilingual Math, Algebra, Academic Skills in English and Math

Denver Technical College – Math Teacher  
Denver Public Schools – Teacher on special assignment – Information Technology  
Walker Associates – Director of IS Project Development and Telecommunications  
Cherry Creek School District, Colorado – Programmer Analyst  
State of Colorado – Manager of State Child Welfare System – implemented AFCARS.  
The Evergreen State College - Washington – Project manager for Information Technology Conversion  
State of Washington – IT Director for Higher Education Coordinating Board  
Sungard Higher Ed – Senior Programmer Analyst for Banner software – Remote job.  
Radford University – IT Manager for Banner Software implementation  
Virginia Tech – Director of Business Intelligence Services Retired April 1, 2020.