



# Manufacturing Better Lenses

The design of eyeglass lenses, especially for progressive prescriptions, is a part of mathematics which involves geometry, materials science, and partial differential equations in a surprising way. It is an active area of research that affects people's lives every day (especially those of us over forty).



Photograph courtesy of Visioncoat, Inc.



The **Mathematical Moments** program promotes appreciation and understanding of the role mathematics plays in science, nature, technology, and human culture.