

## **Inquiry E: Doctor My Eyes!**

### **Modeling common visual maladies and correcting them.**

This activity is intended to provide students with a true discovery-based experience which applies the principles above to common visual defects. In each scenario given in appendix D students may use the materials available in the classroom/lab to model the conditions found in the eye for each. It is suggested that each group be assigned one of the conditions described below and then asked to demonstrate it. It would then be possible for the teacher to circulate among the groups and verify their configuration and offer guidance as needed. Following this progressive assessment, students would then be asked to use the materials available to develop a “treatment” that will correct the visual defect they have modeled and restore the best visual acuity. Each group could work their way through as many scenarios as time available permits.

A written exam could also be administered at the conclusion of this activity to offer a means of formative assessment if desired.