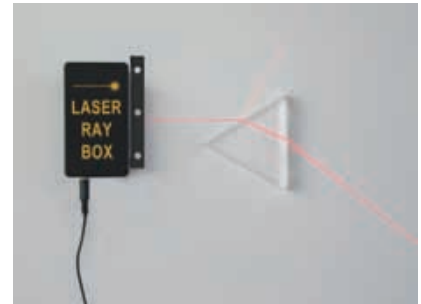
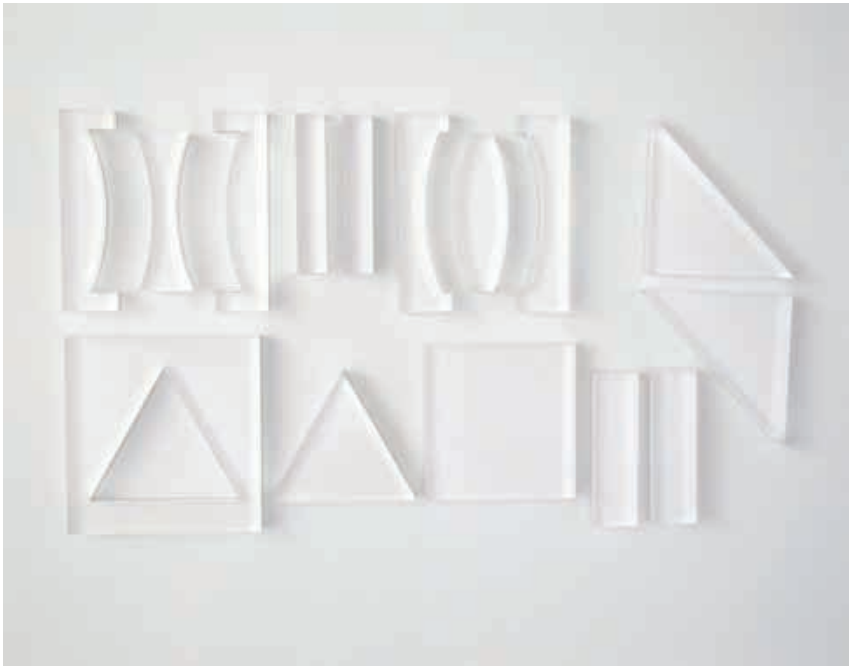
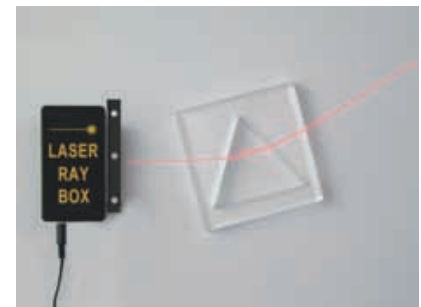


RAY OPTICS DEMONSTRATION SET PLUS and LASER RAY BOX

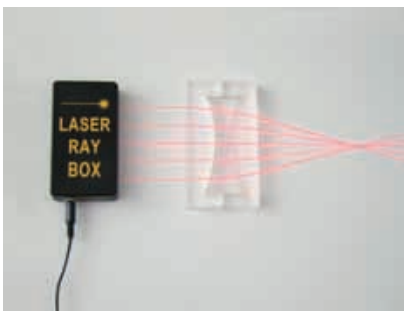
Additional Optical models (15pcs) - these allow very good demonstration and visualization using LASER RAY BOX. Visual demonstration clearly resolve relations between refraction index and Positive or Negative optical elements. Many various examples show exploitation of optical elements in technical optics /concave lenses, plano-concave lenses, convex and plano-convex lenses, equilateral prisms, right angle prisms, mirrors, condenser lenses, cube beamsplitter, periscope, Very interesting experiments using air lenses illustrates why optical elements can be positive or negative depending on refraction index. Users guide is included.



glass prism deviation of light ray



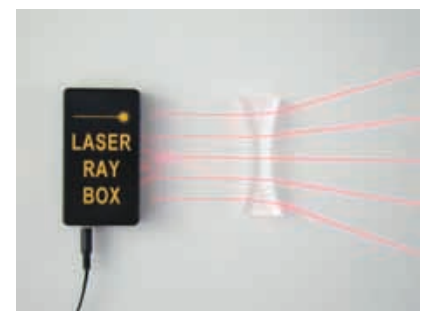
air prism deviation of light ray



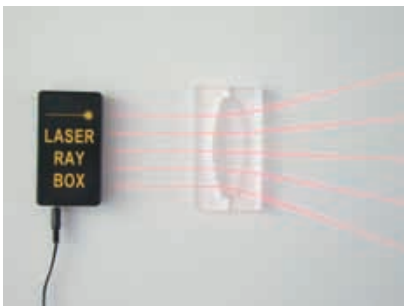
ray tracing through air lens (concave)



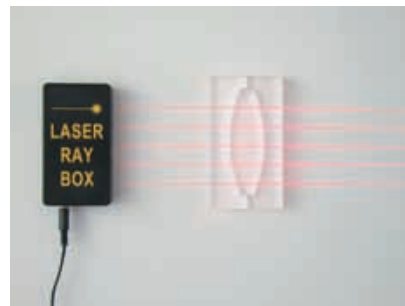
concave lens with interface glass-to-glass



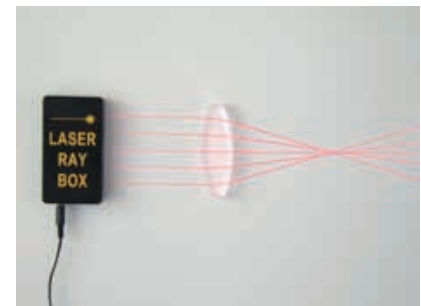
diverging light by concave lens



ray tracing through air lens (convex)

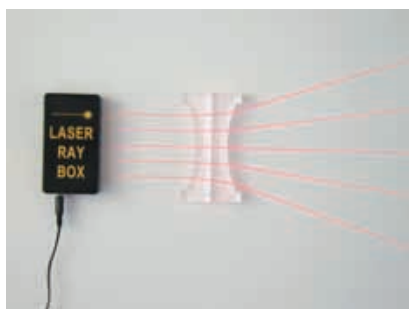


convex lens with interface glass-to-glass

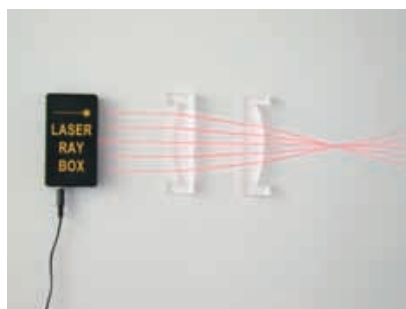


focusing light by convex lens

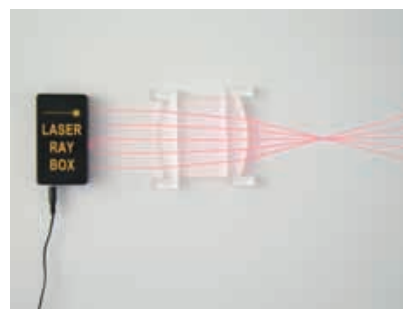
RAY OPTICS DEMONSTRATION SET PLUS and LASER RAY BOX



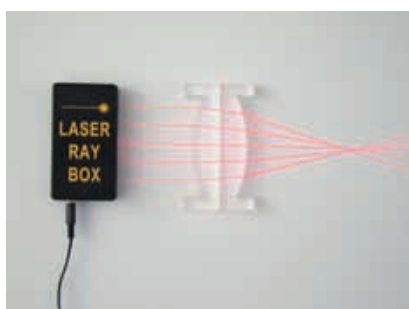
combination of plano-concave lenses



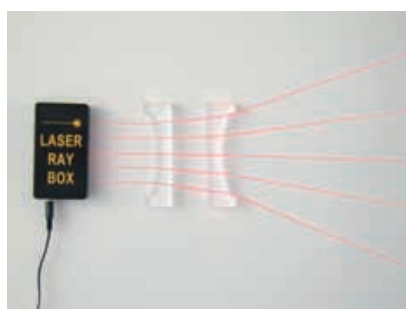
focusing by doublet convex lenses



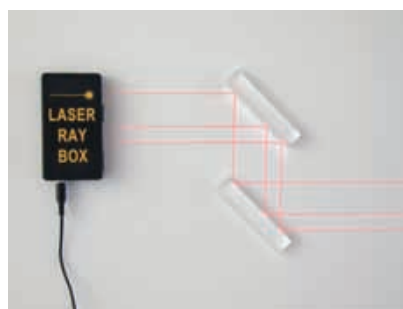
demonstration of thick lenses doublet



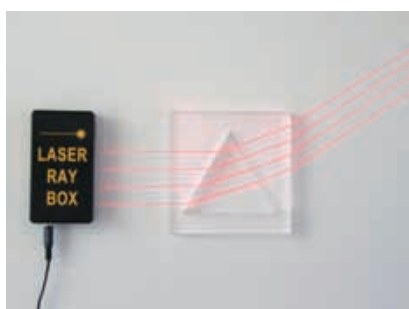
combination of plano-convex lenses



diverging light by doublet concave lenses



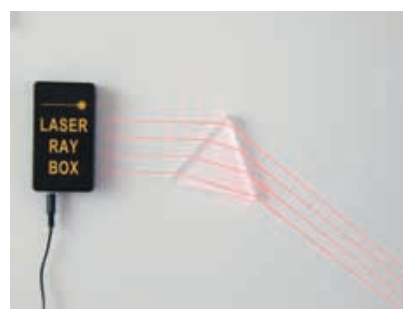
demonstration of periscope



ray tracing through air prism



ray tracing through interface glass-to-glass



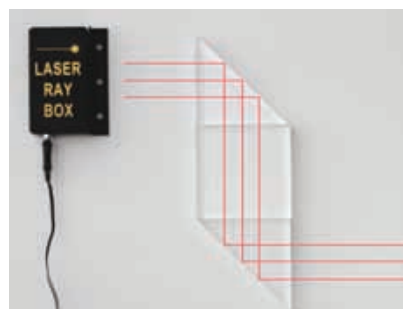
minimum deviation of grism



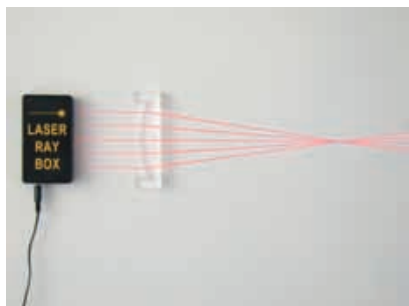
right angle corner reflection



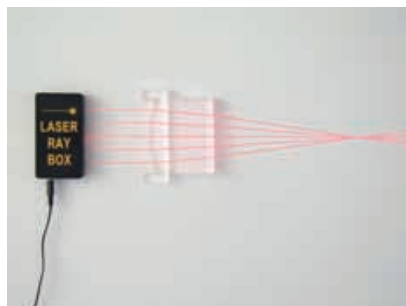
ray shift by planparallel plates



periscope model



focusing by singlet lens



demonstration of thick lens



turning of light beam by cube