Magnetic Field Projectual

By Fred Northcutt

The Magnetic Field Projectual is a self-contained unit designed for projecting magnetic fields with an overhead projector. The projectual is filled with a special viscous fluid acting as a supporting medium for the metal filings. To facilitate the even distribution of the metal filings, the projectual contains a glass rod that will fall through the fluid medium when the projectual is agitated by tipping it from side to side.

Any size or shape magnets can be used singly or in combination with the projectual. Place the magnet(s) on the overhead projector in any desired position. Then place the projectual, with the filings evenly distributed, directly on top of the magnet(s). The projector can now be focused to show the magnetic field pattern surrounding the single magnet or combination of magnets.

*One cautionary note: To avoid scoring and damaging the projectual surfaces, care should be taken not to move the projectual roughly over the magnets placed beneath it.*