

magnetism

- [magnetic field sensory bottle](#) *ages 5+*
- [magic magnets](#) *ages 7+*
- [magic levitating pen](#) *ages 10+*

electricity

- [simple circuits](#) *ages 5+*
- [tiny dancers](#) *ages 10+*
- [electromagnetic train](#) *ages 10+*

chemistry

- [lemon volcanoes](#) *ages 5+*
- [shiny pennies](#) (project #6) *ages 5+*
- [dry erase marker experiment](#) *ages 7+*
- [rubber eggs](#) (project #9) *ages 7+*
- [heat sensitive slime](#) *ages 10+*

chemistry with crystals

- [overnight crystals](#) *ages 7+*
- [salt crystal gardens](#) *ages 10+*
- [crystal wind chimes](#) *ages 10+*

polymer chemistry

- [DIY bouncy balls](#) *ages 5+*
- [magical plastic bag experiment](#) *ages 7+*

physics

- [magic rollback can](#) *ages 7+*
- [kinetic sculpture](#) *ages 7+*
- [cartesian divers](#) *ages 7+*
- spinning tops: [spin art tops](#), [spin-finite tops](#), [perler bead tops](#) *ages 7+*

optics

- [make a teleidoscope](#) *ages 7+*
- [water drop microscope](#) *ages 7+*
- [coffee can camera obscura](#) *ages 10+*

biology

- [regrow vegetable scraps](#) *ages 5+*
- [DIY stethoscope](#) *ages 5+*
- [bleeding blossoms](#) *ages 7+*
- [make a fake lung](#) *ages 10+*
- [make an articulated hand](#) *ages 10+*

chromatography

- [chromatography butterflies](#) *ages 5+*
- [chromatography art](#) *ages 7+*

density

- [explore density with salt](#) *ages 5+*
- [glowing density tower](#) *ages 7+*

