



Rainbow glass



Put on these colorful, paper-framed glasses that will create rainbows before your very eyes. You'll be amazed at the color in the world! Great for viewing holiday lights!

How does it work?

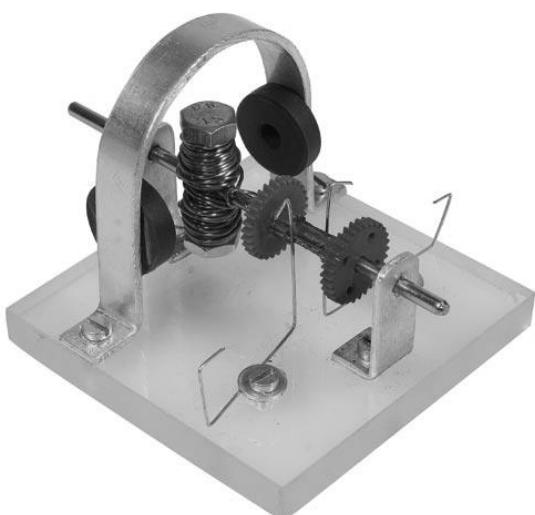
Rainbow Glasses have special lenses that bend and separate light into the colors of the spectrum. When you look through them, rainbows magically appear.

What does it teach?

Teach kids about the nature of light and color. Discover that light consists of "waves" that can be seen as color when bent or separated by a prism or these amazing rainbow lenses.

Premium-Line electromotor from OPITEC

See building-instructions included



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Goldenrod Paper



This paper turns bright red when dipped in bases such as ammonia and washing soda, and turns back to its normal color when you dip it in acids such as vinegar or lemon juice.
Recommended for children ages 6 and up.

How does it work?

True goldenrod paper is coated with a dye that acts as an acid-base indicator. In fact it's the world's largest acid/base indicator strip and can be used for lots of science experiments!

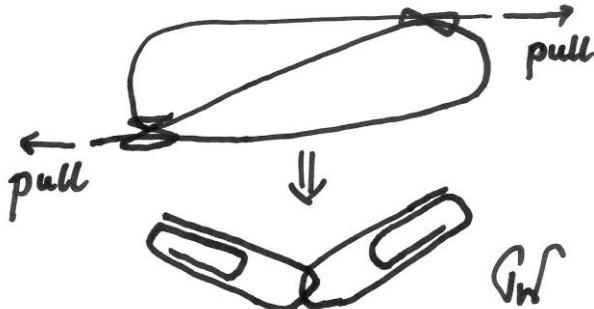
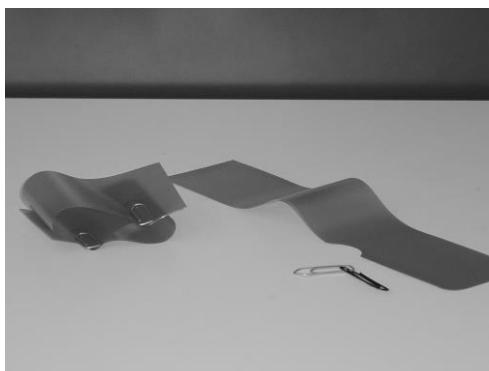
What does it teach?

Learn about the difference between acid and alkaline substances by testing them on the paper.

Experiment:

Paint pictures on your goldenrod paper with vinegar first, and then paint with a baking soda solution. The pictures appear in different colors when the chemical reaction takes place! Be creative with your chemistry!

Catalyst principle



Fold the plastic strip as shown in the sketch (or picture). Push the two paperclips over the plastic (see picture). Now pull simultaneous the two ends of the plastic. The two paperclips will be hooked to each other showing the principle of two chemical compounds reacting with each other due to the interaction of a catalyst.