



Explore Light and Optics!: With 25 Great Projects

By Anita Yasuda

Nomad Press, United States, 2016. Paperback. Book Condition: New. Bryan Stone (illustrator). Reprint. 254 x 203 mm. Language: English . Brand New Book. Imagine a world without light. What would it be like? Dark, cold, and lifeless! In Explore Light and Optics! With 25 Great Projects, readers ages 7 through 10 find out why light is so important to our world. We use light to communicate. Because of light, there are natural phenomena such as rainbows and the auroras. And it s light that provides living things with the energy they need to exist. In Explore Light and Optics!, readers learn how light travels, how the eye works, and why we can see objects. They read about optical inventions that changed the world, including microscopes, telescopes, and cameras. Kids are introduced to modern inventions such as lasers, solar planes, and the hundreds of thousands of miles of fiber optics that make it possible to transmit data all over the world. Through projects ranging from making a spectroscope and concocting invisible ink to creating a periscope and experimenting with lenses, children discover how light can be bent, bounced, and broken. Fun facts, jokes, cartoon illustrations and links to online primary sources...



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