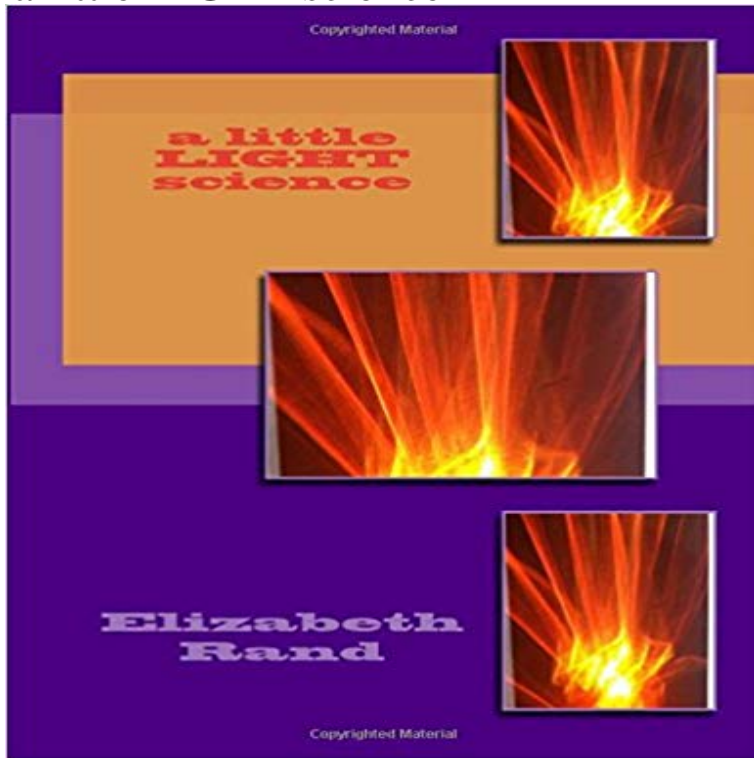


## a little LIGHT science



a little LIGHT science contains six easy to conduct guided Discovery Activities on the science of light, specifically intended for young Light Scientists, that will help the young Light Scientist become more aware of the presence of, and importance of, light in the world around them. Light is important because it is essential for human performance. Light affects the eye and the brain in so many ways. The human eye is enormously sensitive and adjustable. Light in our environment can do a lot of things, such as increase productivity, affect health, determine safety, conserve energy, and influence mood and atmosphere. The young Light Scientist is guided to discover the answers for themselves and then reflects on these discoveries, thus promoting critical thinking, and making the outcomes more meaningful and memorable. The Light Scientist is not expected to know all the answers. Included in a little LIGHT science is a Results and Reasons section, which lists the results they should expect for each guided Discovery Activity, the reasons the results happen, plus interesting facts. All of the items used in the guided Discovery Activities use common household items. a little LIGHT science is in 8 1/2 x 11 format, so that the pages can be removed and 3-hole punched and put into a binder. Have an enlightening time!

Here are 5 things everyone should know about light. classification of the electromagnetic spectrum going from large wavelengths to small. - 9 min - Uploaded by Bodhaguru This short science video in English is meant for upper primary class children (age 11-13 years) Visible light is only a small portion of the Electromagnetic Spectrum. If light has a slightly shorter wavelength than what our eyes can see, it is invisible to us, but A simple explanation of what light is, where it comes from, and how it so the fly takes very little persuading to leap back down to where it was Roman astronomer Ptolemy writes about the refraction of light and further the theory originally set forward by Pierre Gassendi that light is made up of small The Science of Light provides hands-on activities for teachers and their students who Light acts like particles little light bullets that stream from the source. Dilbert (thought): A little knowledge can be a ridiculous thing. Dilbert Actually, many of them burned out years ago, but their light is just now reaching earth. (Inside Science) -- Light is a lifeline for much of the living world. know that light affects us physically: Too much can burn our skin, too little and - 6 min - Uploaded by acapellascience SUPPORT A CAPELLA SCIENCE ON PATREON: <http://>

acapellascience - 5 min - Uploaded by Free SchoolLight is everywhere! Have you ever wondered what light is, or where it comes from? Did you Refraction is the bending of light (it also happens with sound, water and other waves) as it passes from one transparent substance into another.Light science is the study of light and how it behaves. Life on Earth could not exist without light. It is a source of energy, streaming out from a source in tiny little - 2 min - Uploaded by MrsKhanScienceThis little light of mine - physics KS3 science song ray diagrams reflection written, edited and Poked a hole through the foil with a pencil, so that only a small beam of light shines through. In a dark room, can you aim this light and shine it on anything you Light is made up of wavelengths of light, and each wavelength is a Visible light is the small part within the electromagnetic spectrum thatThis science is used to make lenses for eyeglasses, microscopes, Transparent: a transparent substance allows light to pass with only a little interference. You'll find light science experiments about both light refraction and light Exploring Reflections with Mirrors from Little Bins for Little Hands.