



Light and Heat Investigations

Help your child experiment with light and heat by trying some of the ideas below. Encourage your child to write about and draw their observations in the box.

- Put different colored paper in sunlight, lamp light, and shade and see what happens. Which paper feels hottest? Coolest?
- Put materials, such as play dough, water, or aluminum foil in the sunlight for different amounts of time. Which feels hottest? Coolest?
- Put materials, such as play dough, water, or aluminum foil different distances from a lamp. In a few minutes, touch them to determine which feels hottest and which feels coolest.

If desired, upload your child's picture on the "**UChicago Ready, Set, STEM!**" Facebook group. Then peruse other pictures from this activity there in the Topic: **Light and Heat Investigations**.

Find more activities like this at: <http://www.ucreadyssetstem.com>
*Ready, Set, STEM is developed at the University of Chicago and
sponsored by The Boeing Company*