

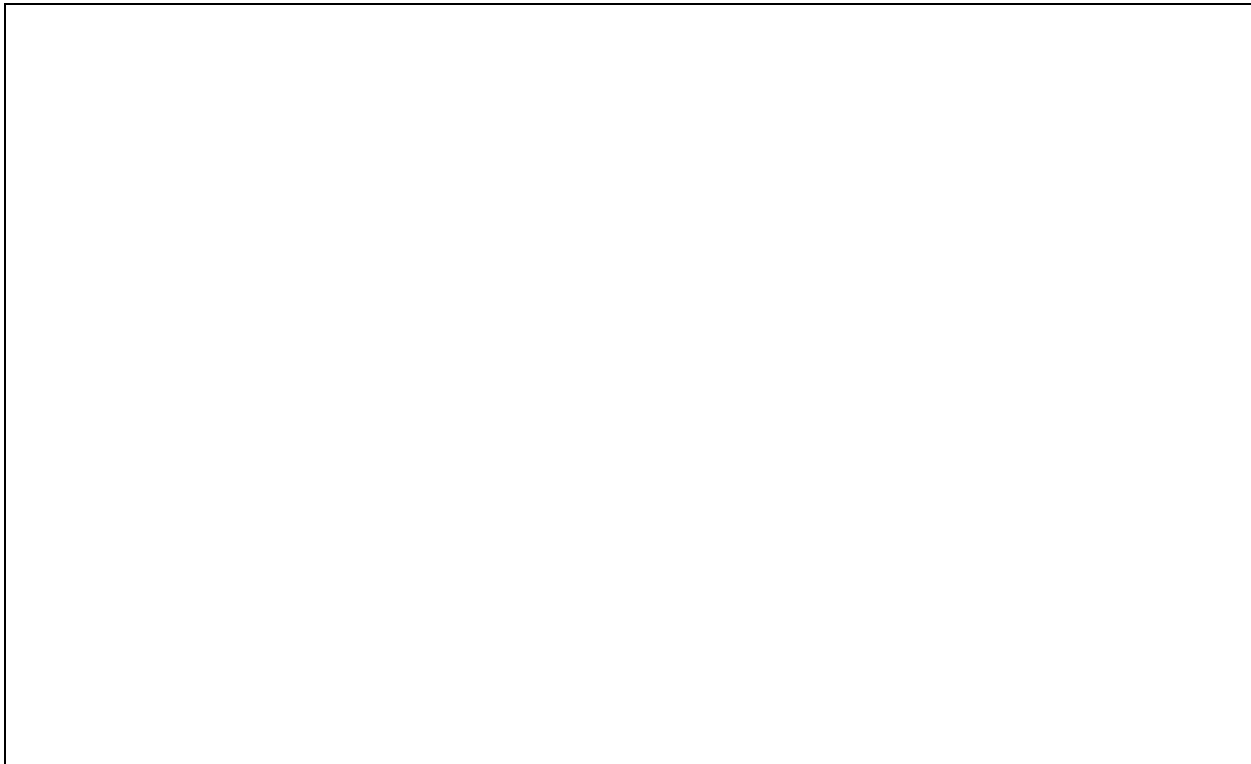


Flashlight Shadows

Let's use flashlights to explore light and shadows! (Many phones have built-in flashlights you can use.) Encourage your child to use a flashlight to notice that some objects and materials *do not* let light pass through (opaque), some objects let *some* light pass through (translucent), and some objects let *a lot of* light pass through (transparent).

Also have your child create shadows of different objects. Take a photo, or have your child draw their favorite shadow below, including the light source, the object they used, and the object's shadow in their drawings.

If desired, upload the photo or drawing on the "**UChicago Ready, Set, STEM!**" Facebook group. Then peruse other pictures from this activity there in the Topic: **Flashlight Shadows**.



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*