

Light and Shadows Kit Materials	Preschool	Elementary	Family	Suggested Amount
Required Materials				
Dreams by Ezra Jack Keats	x			1
Blackout by John Rocco		x	x	1
What is a Scientist? by Barbara Lehn	x	x	x	1
Mini LED Flashlight with batteries included	x	x	x	15
8x11 whiteboards and dry erase pens	x	x	x	15
100 pc. wooden block set	x	x	x	1
100 pc. Plastic "outline" cookie cutter set	x		x	1
Small plastic animals, (at least 50 pc.)	x		x	1
Hand mirrors			x	2
Cellophane sheets - red			x	1
Cellophane sheets - yellow			x	1
Cellophane sheets - blue			x	1
Reflective Objects (2-3 items total)				
Silverware- spoons			x	1 to 2
Small pie tin			x	1 to 2
CD or DVD			x	1 to 2
Bike reflector			x	1 to 2
Non-Reflective Objects (2-3 items total)				
Wooden spoon			x	1
Black or dark-colored construction paper			x	1 to 2
Small piece of styrofoam			x	1 to 2
Transparent Objects (2-3 items total)				
Clear plastic cup			x	1 to 2
Plastic takeout container			x	1 to 2
Plastic document cover			x	1 to 2
Translucent Objects (2-3 items total)				
Translucent plastic cup			x	1 to 2
Wax paper			x	1 to 2
Bubble wrap			x	1 to 2
Opaque Objects (2-3 items total)				
Opaque plastic cup			x	1 to 2
Felt square			x	1 to 2
Cardboard sheet, approx. 10x10 or 12x12			x	1 to 2
Printable Resources				
Shadow challenge cards, printed on heavy cardstock or laminated		x	x	1 set
Tent cards, printed on heavy cardstock			x	1 set
Translucent/Transparent/Opaque sorting cards, printed on heavy cardstock or laminated			x	1 set
Hand shadow cards, printed on heavy cardstock or laminated			x	1 set
Light word card, printed on heavy cardstock	x	x	x	1
Shadow word card printed on heavy cardstock	x	x	x	1
Optional Additional Materials				
Large sheet of blank paper, such as chart paper	x	x	x	
Bins or buckets for holding shadow objects	x	x		
Replacement batteries for flashlights	x	x	x	

Additional objects that create interesting shadows, such as whisks, colanders, translucent objects, etc.	x		x
Additional examples of reflective and non-reflective objects			x
Additional examples of translucent, transparent, and opaque objects			x
Materials for propping up dry-erase boards, such as clay, or book stands	x	x	x
Blank drawing paper	x	x	x
Crayons or markers	x	x	x
Photo, book, or article about a person whose career involves light and shadow	x	x	x
Additional light and shadow books (see Recommended Book List)	x	x	x