

The Light Life: Lantern Activity Kit

Supplementary Materials



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Annotated Materials List

Material	Our Suggestions
One Tea Light	<p>Small round tea lights work best for this project. The dimensions of the ones we've used are:</p> <p>Do <u>not</u> use real candles with a flame.</p> 
3 Foam Borders	<p>The foam borders we used came from Michaels; we like these because they come with an adhesive back. We purchased the 4x6 sized foam pieces.</p> <p>To create the border, fold one foam piece in half and cut out the center, leaving approximately $\frac{1}{2}$ inch border.</p>  <p>Do not throw the foam insert away (i.e. what you just cut out when making the border). You can use this foam to cut small shapes if you'd like to complete the extension activity ("Next Steps") where you use simple shapes (squares, triangles, etc.) to make a composite shape on a plastic lantern.</p>
Construction Paper	<p>We used black construction paper but any dark color will do. In fact, it might be fun to explore how lanterns made of different colors of construction paper can look!</p>

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	<p>The construction paper needs to be cut to size. It should be the same width as your foam border but slightly shorter.</p> <p>With the foam border we used, we cut the black construction paper into a 4 inch by 5 $\frac{1}{2}$ inch rectangle.</p>
Clear Plastic	<p>We used a clear sheet protector as the plastic material for our lantern (while the example we show here is from Target, you can purchase sheet protectors from many stores). Again, this needs to be cut into a 4 inch by 5 $\frac{1}{2}$ inch rectangle.</p>
Tissue Paper	<p>Tissue paper that is used to wrap gifts is ideal for this activity. You can use any color (again, our example is from Target, but tissue paper is available at many stores). If you do not want to use tissue paper, you could use wax/parchment paper instead. This paper needs to be cut to size. Once again, a 4 inch by 5 $\frac{1}{2}$ inch rectangle.</p>
4-5 small Stickers	<p>Pick your favorite stickers! Ideally you will have stickers that you can place on your lantern made of clear plastic. The stickers should be small. After placing them onto the lantern, you should still have clear plastic that will allow the light to pass through.</p>
Pencil	<p>The pencil is used to poke holes in the construction paper. If you have a hole puncher available, you could use that in lieu of the pencil.</p>

Additional Resources

This short PBS Kids video ([PEEP and the Big Wide World: Night Light](#)) explores how objects can be seen when light is shown on them.

Generation Genius (in partnership with the National Science Teachers Association) created [The Science of Light](#), which includes a set of videos and activities exploring light.