**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**We are investigating:** The type and amount of material needed to determine how much light can pass through an object.

You will need a torch (cell phone torch will work). If you don’t have one, use the sun as your source of light.

Find 3 different materials that you can hold in front of the torch/sun.

(Safety note: Do not look directly at the sun!)

|  |  |  |  |
| --- | --- | --- | --- |
| **What material did I use?** | **Did light pass through it? yes/no** | **a lot/ a little/ no light** | **Why?** |
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