Name:

***Science Investigation – I can see the light….***

Introduction:

We are going to investigate different materials around our classroom to identify if they are *transparent,* *translucent* or *opaque*.

Big Question:

What happens to light when we place it in front of different objects?

Hypothesis (prediction):

I believe that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is transparent because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. I believe that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will be translucent because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will be opaque because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Variables:

Independent Variable (what I will change):

Dependent Variable (what I will measure or observe):

Controlled Variable (what I must keep the same to ensure a fair test):

Materials Required:

Method:  
1.

Results:

|  |  |  |  |
| --- | --- | --- | --- |
| Material | Transparent | Translucent | Opaque |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Evaluation:



