1-PS4-3 Activities

Materials:

Flashlight

Opague Object

Translucent Object

Transparent Object

Tray

Directions:

1. Have students record their questions about light in their journals.
2. Working in partners or groups, have them use the flashlight to show how the light passes through each of the 3 objects. A tray can be used as a background. (How does the light show up on the tray when trying to shine through the object. Record their findings on the chart. (Can we done whole class as well) \*\*\*You can use more than 3 objects
3. Come together as a class and discuss the findings

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| **Object** | **Prediction: What do you think will happen to the beam of light?** | **What happened to the beam of light?** | **What kind of material is it?** |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |
|  |  |  | \_\_\_Transparent  \_\_\_Translucent  \_\_\_Opaque |