1. Compare the two blocks of ice using *a regular flashlight*. Circle the words you would use to describe each block. Are there differences in the ice blocks?

**Block 1**

- bright
- shiny
- dull
- glowing
- bubbly
- bumpy
- rough
- slushy
- brown
- yellow
- green
- red
- sparkly
- clear
- milky
- smooth
- dark

**Block 2**

- bright
- shiny
- dull
- glowing
- bubbly
- bumpy
- rough
- slushy
- brown
- yellow
- green
- red
- sparkly
- clear
- milky
- smooth
- dark
2. Now turn on the ultraviolet light – or “black light” and shine it on both blocks of ice. Circle the words you would use to describe each block. Are there differences in the ice blocks?

<table>
<thead>
<tr>
<th>Block 1</th>
<th>Bright</th>
<th>Shiny</th>
<th>Dull</th>
<th>Glowing</th>
<th>Bubbly</th>
<th>Bumpy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rough</td>
<td>Slushy</td>
<td>Brown</td>
<td>Yellow</td>
<td>Green</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>Sparkly</td>
<td>Clear</td>
<td>Milky</td>
<td>Smooth</td>
<td>Dark</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Block 2</th>
<th>Bright</th>
<th>Shiny</th>
<th>Dull</th>
<th>Glowing</th>
<th>Bubbly</th>
<th>Bumpy</th>
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Why might scientists want to look at a planet’s surface using different types of light?