

3. Ice Investigation Station - Visible or Invisible?

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?

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

Why might scientists want to look at a planet's surface using different types of light?