

## The L.C. Bates Museum -Maine Mineral Hunt-

Minerals are natural substances that make up rocks. Minerals are commonly associated with rocks due to their presence in rocks. The state of Maine is home to over 200 minerals, some of which are shown in the "Maine Minerals" case in the rock room. Use the clues below to locate Maine minerals and write their names in the given spaces. Look at the location of the minerals on each mineral name-tag for extra help.



1. Quartz is an important mineral with many uses. Sand is made of tiny Quartz pebbles, which is the primary ingredient for making glass. Both of the following spaces are minerals that are found in the Quartz family. The first has a light-pinkish color to it and shares a name with a common romantic flower. The second is a purple gemstone that was found in Colton Hill Prospect, Stow, Maine. Which minerals are these?

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2. Tourmaline is Maine's state mineral. The following mineral is among the Tourmaline family and due to its green and pink color, it shares the name of a popular summertime fruit. What mineral is this?



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3. The next mineral you are looking for is found in the rare igneous rock called Litchfieldite. The mineral in this rock which

you are searching for has a variety of colors mixed together including black, gray, white, silver, yellow and gold. What mineral is this?

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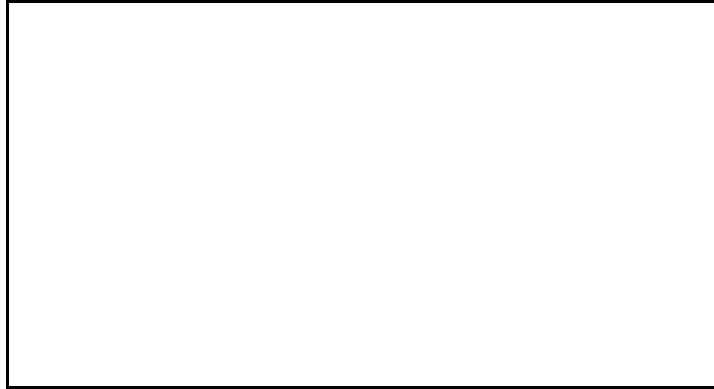
4. The next mineral you are searching for is among the Mica family. Mica has many uses, such as brightening the color of paints and using its natural glittery and shiny appearance to enhance the tone of toothpaste and other cosmetics. This particular mineral has a very shiny and flaky looking texture. It was found in Harvard Quarry, Greenwood, Maine. What mineral is this?
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5. The next mineral you are searching for is among the Beryl mineral family. The name of this mineral reflects its dazzling, light-blue, oceanic color. What mineral is this?

After you find the correct name for the mineral, use colored pencils and try to draw it in the box below.

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1. Rose Quartz, Amethyst, 2. Watermelon Tourmaline, 3. Cancrinite, 4. Muscovite, 5. Aquamarine