



A Note from the Head Teacher, Delaney Sharp

BBS is coming to the end of a year like no other. Many community members have asked recently how BBS is doing these days? Thanks to the efforts of families, staff, and most importantly students, I can comfortably say we are doing well. We have avoided the worst of the shut downs and stayed open to in-person instruction since September. School certainly looks different this year but all the essential elements are still here: learning, community, adventure, and a sense of belonging. All of us who are connected to youth see how hard this year has been on most. We are so grateful that our students still have a school to go to, a group of dedicated staff eager to teach them, and a place to live that provides them with an abundance of outdoor fun.

The staff thanks all who have supported us through this year with encouraging words, support of the wreath fundraiser, and more. To be more involved, the Budget Committee currently has two openings. Please contact the school if interested!

Recess at BBS! by Dessa, grade 6

Hi! I am here to tell you about Black Butte recess hmmm.... Where should I start? Ooh I know. How about I tell you how BBS students are dealing with covid at recess? It's not too bad, at least I think so. We don't let covid stop us from having fun at recess, and we still make sure to stay safe. We wear masks and use hand sanitizer.

Well, let's stop with the boring stuff and I'll tell you what we do for fun at BBS recess. Lots of the boys love to play football at recess. Keanan says recess is, "fun and exciting. My favorite thing to do is play football with my friends." Some of the other students play tetherball and swing or play on the play structure. It's very fun. Mia says, "it's fun! And my favorite thing to do is swing."

Some of you are probably wondering about the new play structure. Unfortunately, it's not gonna be built for a while due to covid-19. Plus BBS needs permission to get it built. Hopefully by this time next year the new playground will be ready for us kids to play on.

Lavalands

by Carrick, grade 7

It's amazing to think that just 7,000 years ago, while humans were alive, a volcano erupted right outside of Bend. On a field trip in October, I learned all about the eruption of the Lava Butte Volcano. I learned many interesting facts about volcanoes. For example, when lava cools it creates different types of rocks. I also learned how it changes the environment during the eruption. Finally, I learned how those changes affected the environment long term.

During volcanic eruptions there are many types of rocks that can form. These include A'a, pahoehoe, and pillow. A'a is a jagged rock. Pahoehoe forms in swirl patterns. Finally, pillow is the more solid rock that gets its name from being smooth instead of jagged. There is also a type of rock called great balls of fire. These form when lava cools into a ball that starts to roll. It will continue rolling through lava and cooling on the outside, picking up more lava and continuing to roll like a giant snowball.

As you can imagine lava flows have immediate and lasting effects on the environment. The immediate effects are dramatic. When lava butte erupted it destroyed thousands of trees and killed hundreds of animals. A lava stream pushed a river causing water to get higher. After the lava cooled, animals and plants were forced to find new homes. Vegetation tried to find its way into the rocky wasteland. Although it was hard for seeds to find good soil in the rocks, some managed to find suitable homes. Most plants, like a tree that twists itself to circulate water through a single root, struggled to live. Volcanoes definitely have a lasting effect on the earth.

