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## Welcome to the School District 5 Design Labs

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### January 2022

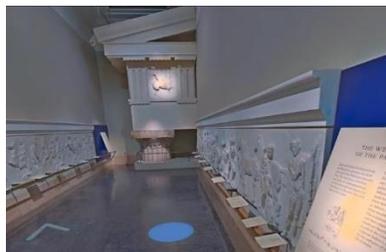
## Fun and exciting things happening in Fernie and Cranbrook

### Touring the World with Virtual Reality

Students at Elkford Secondary Ms. Brower's French and Social Studies classes went touring around the world using VR headsets. The Socials class toured the Uffizi Gallery in Florence, Italy and went on a hunt to find a famous painting by Botticelli. This was the one of their culminating activities for their Renaissance unit.

Students in Ms. Brower's French class took a tour visiting various French speaking countries. Students started at the Eiffel Tower and ended their tour on the island of Bora Bora.

Students in Mr. McAllister's Social Studies class at Elkford Secondary had an introductory tour of Greece as part of their unit on Greek history and mythology. Students were in a VR experience that explained how Athens got its name, they toured the Acropolis, Delphi, Sparta and even the



Greece section of the British Museum.



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### Stop Frame Animation

In January, students in Mr. Baty's classes at Fernie Secondary experimented with stop frame animation to make short movies. Each group had to develop a short movie scene (1 minute or less) that could tell a short story. The students had some very creative ideas and the results were fabulous. They also participated in some group communication games in French and English.



### Minecraft at FJ Mitchell

Also in January, some students at Frank J Mitchell Elementary took part in an empathy building exercise in Minecraft. They worked together to build a community inside of Minecraft Education. In February this group will continue their building skills by participating in a real life design and build challenge using cardboard and plastic screws.



### The Ktunaxa Legend

Students at TMES are exploring the Green Screen Tech Tool to enhance their productions of a Ktunaxa Legend about the creation of the seasons.



### The Gondola Challenge



Students from Mme. Catherine's grade 5 class at TM Roberts designed custom gondolas during their visit to the Design Lab. They had to create a design that was safe for little LEGO people and a design that could climb a rope. Once their creations were tested and proven inside the Lab, they brought them out to climb the 25 meter toboggan hill outside of Kootenay Orchards School.



### Filament Fossils

Parkland Students in Mrs. Galvin's science class designed 3D fossils using a variety of tools like drawing, sculpting and Tinkercad 3D design software. The fossils were then printed at the Design Lab. The plan is to hide them in the spring then teach a younger grade how to be paleontologists so they can dig them up and study them.

## Space Travel

Students at Parkland wrapped up a space unit by travelling aboard the International Space Station. They all got to take part in a Virtual Reality experience that allows them to explore the inside and outside of the ISS, complete with floating in microgravity, but without the solar radiation. Virtual reality has proven to be a very engaging exploration tool that can be used to enhance science, social and language arts learning.

