Using Virtual Reality to supplement Vocabulary.

High Energy and LOTS of Excitement!
Have you used Virtual Reality in your Schools? Discussion.

Ways that we have incorporated into our school:

- Culminating activity
- Exploring other cultures
- Introducing concepts
- Incorporate with Makerspace activities.
- Writing integration.
Swap Meet!

What are some ways that you reinforce vocabulary with your students?

● Use an index card to jot down some ideas and be ready to switch cards with someone in the room.

● Wait for the music to start!
Using Virtual Reality to reinforce vocabulary

- Meet with Grade levels to reinforce content areas, Ex. Science and Social Studies.
- Reinforce vocabulary by knowing the standards and how they apply to their curriculum.
Why focus on Vocabulary?

- Data- students are struggling with vocabulary.
- Teaching vocabulary in context is one the best way for students to learn.
- VR gives students opportunity to experience text virtually and reinforce terms.
When do you use? Reading:

- Flexible schedule to work with small to large groups.
- Build background knowledge by letting students know what they will be looking at.
- Create a chart for students to be able to stop and jot down ideas.
- Work on question stems and skills.
Comprehension:

- Reinforce vocabulary terms in all subject areas. Look at Unpacking documents and Anchor standards:
  - Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information.
  - Draw evidence from literary or informational texts to support analysis, reflection, and research. Not until 4th grade.
- Use VR to help students with verbal and written comprehension questions.
Science and Social Studies:

- Use standards to come up with meaningful lessons for different grade levels:
  - Science in Kindergarten and then incorporate a makerspace.
  - Landforms in 2nd and 3rd grade.
  - Mapping in first grade.
  - Geography
  - Animals and habitats
  - ETC., ETC!!
How do you get this show on the road?

- First get your own set of Virtual Reality phones and goggles.
  - My set is consists of all donated phones, with its own driver and wifi.
  - We have a great tech department that helped to make this happen.
- Now our district has a 4 sets of virtual reality kits. Sets are in groups of 10.
  - Work on acquiring funds to start your own sets. Raise funds to buys your own new set or have people donate their old phones.
Some Virtual Reality Resources

- **Google Expeditions**
- **Virtually Reality for Education** This site has a lot of great resources and other ways to include Virtual Reality in your school.
- **K-6 Unpacking Documents**: Our Instructional coaches put this page together for our grade levels to access easily. We use to include vocabulary and question stems into lessons.
Time for a little Field Trip?

If time we can take a virtual field trip. Here are some of the places that I have picked out!

- World War II- The End of the War.
- El Capitan- Mountain Climbing
- Polar Bears and the Arctic Ecosystem
- Volcanos