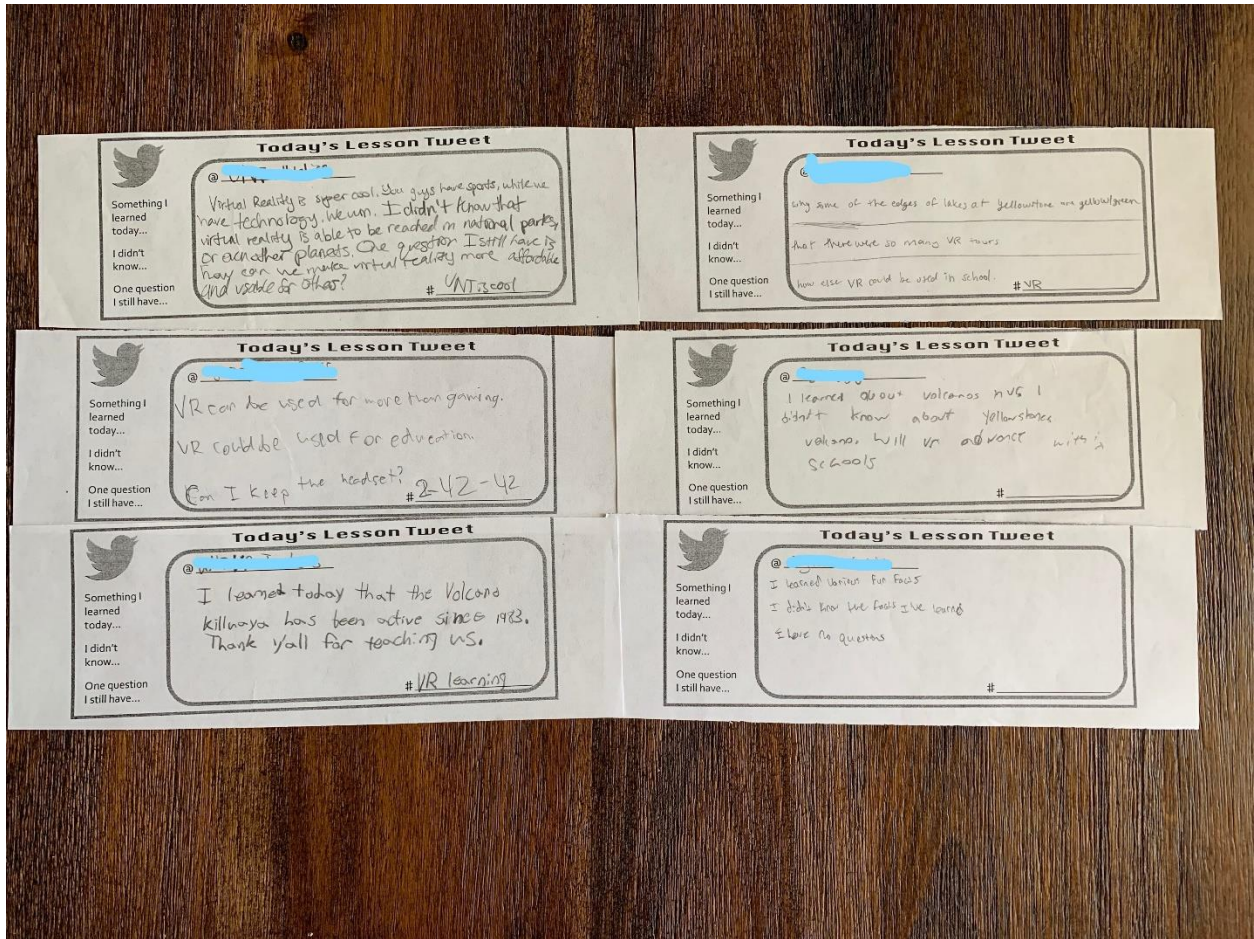


Students' recorded notes related to what they are seeing in a tour and responses to questions included with the tour.



APPENDIX A: Writing Journal Activity Sheet

Name of Expeditions _____

- Frogs: New kids in the pond
- Compare/Contrast: Preserved Oceans vs. Life in the Deep Ocean (Vida Systems)

Frogs: New kids in the pond

Reproduction

A pond surrounded by dense vegetation - a great frog nursery, frogs can use many different reproduction strategies. For example, some give birth to tadpoles, others build foam nests, or even carry developing tadpoles under the skin of their backs. Most European species lay eggs in the water, leaving the tadpoles there to develop into miniature frogs. In the early spring, when the nature awakens from its winter sleep, frogs start another round of the circle of life. Let's see how European common frogs do it.

Beginner: Why does a single common frog female lay so many eggs?

Intermediate: How do frogs croak?

Advanced: How does calling influence the process of mate choice in frogs?

Take Action!

Read the paragraph to yourself. What questions or ideas do you have, after reading about frogs? Document these in your journal.

Use your laptop/iPad, search for answers to the above questions.

Compare/Contrast: Preserved Oceans vs. Life in the Deep Ocean (Vida Systems)

Create a compare/contrast T-chart of the differences.

Think like a teacher. What else can you have students do to connect these VR experiences with their journals?

1) - To increase ~~the~~ probability of reproductive success - the more eggs laid = the more frogs that may be able to survive and grow to maturity.

- Frogs croak with their throat

- Calling influences Mating Choice - similar to peacocks and their aesthetic feathers, croaking may attract or repel possible mates

2) Curious about the part that says tadpoles can develop "under the skin" of a mother frog's back - Never heard of that - wonder what that looks like!

→ Looked this up - really strange. The tadpoles seem to e+plate out of the mother's skin.

Ocean	Vida
- Very diverse organisms/landscapes	- Chance to see fish that are too deep in ocean to capture and bring to surface
- Under water	- Graphics aren't as good
- More of a natural feeling	- odd to see things so clustered together