VIRTUAL FIELD TRIP
Science Literacy for Diverse and Dispersed Students
“Relevant to today’s world”

WHO
- Jake Hinz (Lead / Teacher)
- Anna Hinz (Student)
- Collaborator: James E. Richmond Science Center (Patrick Rowley)

WHY
- 10X to 100X student access (20 to 2000)
- Could be extended to all age groups
- Precanned for inexperienced teachers
- Expands learning beyond outside of bus range
- Multichannel multimedia

Deliverables:
- Diagnostic Assessment
- Vocab List
- SOS Data Playlist
- SOS Script
- Transcript (Translation/Subtitling)
- Formative Assessment Prompts
- Guided Notes / Graphic Organizer
- Recorded Video (Synch or Async / Flipped Classroom)
- Data-centered Scavenger Hunt Activity
- Summative Assessment Prompts
- Template for future content

NGSS Units:
1. Continental Drift, Seafloor Spreading, Plate Tectonics, and Volcanoes & Earthquakes
2. Human Impact to the Earth Environment (Hydrosphere/Atmosphere)