

Hawaii Complex Workshop - Secondary Workshop Agenda

Join Zoom Meeting

<https://us02web.zoom.us/j/82240304694?pwd=Qk5XVnVKM0ZWamVoRW9SN2VPYTERZz09>

Meeting ID: 822 4030 4694

Passcode: 723161

Time	Activities	Resources and Links
9:00am-10:50am	<p>Intro of NGSS and 3D Instruction</p> <p>3-D Model Lesson - Physical Science Local Physical Science Phenomenon</p> <ul style="list-style-type: none"> Asking Questions Mini-Lesson - Causal Mechanism Developing and Using Models (Breakouts - 20 min.) Mini-Lesson - Analyzing Patterns in Data Observational Investigation Engaging in Argumentation (Breakouts - 25 min.) 	<p>Practice Google Slides</p> <p>Paul's Video on how to make conditional formatted responses</p> <p>MS Rainbow Slides HS Rainbow Slides</p>
10 Minute Break		
11:00am-1:00pm	<p>Sample Assessment</p> <ul style="list-style-type: none"> Take Assessment 3-D Assessment Screening Tool <p>Domain Specific Assessments</p> <ul style="list-style-type: none"> 3-D Assessment Screening Tool (Breakouts - 20 min.) <p>Elements of Backward Design</p> <ul style="list-style-type: none"> Collaborative 3-D Learning Planning (Breakouts - 20 min.) <p>Large Grade-level Share Outs (25 min.)</p> <ul style="list-style-type: none"> Grade 6, Grade 7, Grade 8, Biology, Chemistry <p>Wrap-up</p>	<p>Oil Spill Assessment Responses</p> <p>MS Assessment Slides HS Assessment Slide</p>

Breakout Group Roles

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Description: You will be assigned to a breakout group. Your breakout group will work together to explain the phenomenon. All of your work should be organized on your Google Slide Deck so it can be shared with other breakout groups.

Role	Description
Facilitator	Make sure all directions are followed. Make sure all voices in the team are heard. Shares the Google Slides and simulations in Zoom.
Reporter	Keeps track of group discussions. Summarizes group work to class.
Time Keeper	Takes care of time management.

Resource List

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Paul's Resources

[Bozeman Science](#) - Paul's YouTube Channel

[How I'm Teaching Remotely](#) - Paul's latest video on his methods of teaching remotely

[How I Make My Screencasts](#) - Technology and Software updated for 2020

[The Wonder of Science Resources](#) - Inquiry cards, posters and graphic organizers

[The Wonder of Science Assessments](#) - Performance assessments aligned to all the standards

Other Resources

[Ambitious Science Teaching](#) - A community with a shared vision of excellence in science education

[Bio Box Project](#) - Mark Peterson's individual boxes to students with experimental material

[Data Nuggets](#) - free classroom activities, co-designed by scientists and teachers.

[Information is Beautiful](#) - Data, information, knowledge: we distill it into beautiful, useful graphics & diagrams.

[PhET](#) - Fun, interactive, research-based simulations of physical phenomena from the PhET™ project

[Stanford NGSS Assessment Project](#) - high-quality performance assessments that can support NGSS

Curriculum

[Illinois Storyline Working Group](#) - Working group of educators writing curriculum and giving PD

[Inquiry Hub](#) - A 3-Dimensional high school biology curriculum

[Next Generation Science Storylines](#) - strongly aligned NGSS materials in classrooms

[OpenSciEd](#) - High-quality, open-source, full-course science instructional materials

[Stanford NGSS Integrated Curriculum](#) - A middle school integrated science curriculum