

Goal(s): Student will

- increase knowledge about the Scientific Method.
- increase knowledge of rubrics.
- increase skills in working collaboratively.

Unit I

Relating to Science

Lesson #9

Standards:

- Science 1
- Language Arts 1-2, 4, 6
- Math 11,13
- Health 4-5
- GLO 1-5

Topic	Task/Activity	Materials/Time	Notes
Entry	<ul style="list-style-type: none"> • Invite Ss to review the Visual Display Rubric and identify areas needing clarification. 	People Patterns Project Guide	
Review	<ul style="list-style-type: none"> • Discuss what has been completed on the People Pattern Project and what needs to be done. • Clarify questions on Visual Display Rubric. • Invite teams to target what they still need to complete and report information to you. 	People Patterns Project Guide Est: 5 minutes	
Preview	<ul style="list-style-type: none"> • Display OH #1.1 and connect to today's 3 topics: <ol style="list-style-type: none"> 1. Oral Presentation Rubric. 2. People Patterns Project. 3. Ka 'Upena Project. 	Unit Overview OH #1.1	
Oral Presentation Rubric	<ul style="list-style-type: none"> • Segue to a discussion about rubrics by reviewing Oral Presentation rubric section in project guide (page 2). • Remind Ss that a rubric is a set of printed rules or instructions. • Discuss and clarify each component of Oral Presentation Poster. • Encourage Ss to review rubric and poster as they are planning their oral presentation. 	People Pattern Project Guide Oral Presentation Poster Est: 8-10 minutes	

Topic	Task/Activity	Materials/Time	Notes
People Patterns Project Work time	<ul style="list-style-type: none"> • Provide class time for Ss to work in groups on People Patterns Project. • Remind Ss of appropriate behavior. • Monitor as Ss work collaboratively. • Debrief by: <ol style="list-style-type: none"> 1. Asking Ss for general comments about working collaboratively (we are..., we need to). 2. Providing due date for presentation. 3. Describing how to finish work outside of class. 	People Patterns Project Guide and materials ObLogs Est: 15-20 minutes	
Ka 'Upena o ke Ola Project	<ul style="list-style-type: none"> • Transition to Ka 'Upena project by: <ol style="list-style-type: none"> 1. inviting class members to locate project guide and Quickwrites. 2. asking for volunteers to share comments or questions about this assignment. 3. reminding Ss that both rubrics (Visual Display and Oral Presentation) will guide them on completion of this project. • Ask Ss to write three things ...know or need to know about the project. • Invite Ss to "Mix and Freeze" 3 times sharing the information they wrote. • Obtain Ss attention and ask for any unanswered "need to know" items. • Elicit answers from other Ss or explain yourself. 	Ka 'Upena Project Guide and Quickwrites Visual Display and Oral Presentation Posters and Rubrics Est: 10-15 minutes	

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