

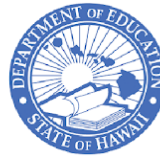
Journey Through the Universe NGSS Workshop 'Imiloa Astronomy Center, September 5 & 6, 2019

This two day workshop aims to provide educators with Next Generation Science Standards (NGSS) resources from the Department of Education (DOE) and astronomy education and outreach community.

September 5 (Day 1)

- 07:30 - 08:00 Registration/ Pastries and coffee
- 08:00 - 08:20 Opening by Esther Kanehailua, Superintendent of the DOE Hilo-Waiakea Complex Area, Darrell Nekoba, School Renewal Specialist and Janice Harvey, Journey Through the Universe Program Leader
- 08:25 - 08:55 Astronomy and education in our local community by Doug Simons, Director of the Canada-France-Hawai'i Telescope
- 09:00 - 10:00 NGSS Foundations by Lauren Kaupp, Science Specialist from the Hawai'i State DOE
- 10:00 - 10:10 Break
- 10:10 - 11:45 Breakout session 1: Grades 6-12 Teachers with Connie Walker from the National Optical Astronomy Observatory (NOAO), Grades K-5 Teachers with Robert Sparks from NOAO, and Alyssa Grace from Gemini Observatory
- 11:45 - 12:30 Lunch
- 12:30 - 02:30 Breakout session 2: Grades 6-12 Teachers with Connie Walker; Grades K-5 Teachers with Robert Sparks and Alyssa Grace
- 02:30 - 02:45 Break
- 02:45 - 03:00 Closing discussion
- 03:00 - 05:00 Optional Planetarium Show at 'Imiloa Planetarium





September 6 (Day 2)

- 07:30 - 08:00 Sign-in/ Pastries and coffee
- 08:00 - 08:05 Preview of today's workshop by Janice Harvey and Darrell Nekoba
- 08:10 - 08:50 NGSS Foundations by Lauren Kaupp and "turn and talk" for teachers
- 08:50 - 10:00 Breakout session 3: Grades 6-12 Teachers with Connie Walker, Grades 3-5 Teachers with Roberts Sparks and Grades K-2 Teachers with Alyssa Grace
- 10:00 - 10:10 Break
- 10:10 - 11:30 Breakout session 4: Grades 6-12 Teachers with Connie Walker, Grades 3-5 Teachers with Roberts Sparks and Grades K-2 Teachers with Alyssa Grace
- 11:30 - 12:15 Lunch
- 12:15 - 01:45 Breakout session 5: Grades 6-12 Teachers with Connie Walker, Grades K-5 Teachers with Robert Sparks and Alyssa Grace
- 01:45 - 02:00 Break
- 02:00 - 02:15 Survey
- 02:15 - 03:00 Closing discussion and structured work time with Darrell Nekoba

***Mahalo for joining us at our Journey through the Universe
Next Generation Science Standards Workshop!***

