

Pre and Post lessons/Activities Kinesthetic Astronomy—Grade 5 & 6 `Imiloa Field Trip

Teachers, please use this guide for recommended website lessons and activities to use with your classes before and/or after your field trip

****Kinesthetic Astronomy: Written Assessment Options for the Sky time Lesson**

This collection of teaching materials includes a pre and post assessment, scale models of the Sun, Earth & Moon, concepts maps, fill-in-the-blank, and “What Have You Learned?” worksheets for students centered around the concept of the “Reason for the Seasons.” Teacher answers and discussions points are provided. Print what you need to help prepare and/or debrief your students before/after their Kinesthetic Astronomy Moore Grant field trip experience at `Imiloa Astronomy Center.

http://www.space-science.org/education/extra/kinesthetic_astronomy/KAAssessmentSkyTimeAug04_lr.pdf

****Reason for Seasons Lesson**

This lesson has some nice diagrams which could help you explain and clarify the real reason for the seasons to your students.

<http://www.astronomy.org/programs/seasons/index.html>

****Why Does the Earth Have Seasons?**

A very good video which explains the Reason for the Seasons, and included neat video of the polar regions of the planet, which experience constant daylight and nighttime at different times of the year. A great resource for teaching about the seasons on Earth!

<http://www.videojug.com/film/why-does-the-earth-have-seasons>

****Sky Tellers: Seasons**

A collection of interesting and engaging lessons about the seasons using art, unique modeling techniques, graphing and math skills...

<http://www.lpi.usra.edu/education/skytellers/seasons/>