Amitzim Space Odyssey

Planners: Avraham and Dory

Length of Peulah: ~ 45 minutes

Goals of the Peulah

1. teach about space

2.teach about moon cycles/ rosh chodesh

3. enjoy a sensory, dark envoroment

Materials needed for peulah:Projector, computer, black construction paper, styrafoam cups, tape, glow in the dark stickers, constellation sheets

Program explanation: campers walk into the moadon and the windows are covered to make it darker, the song “zodiac” playing

watch clip from national geographic’s “the greatest journey” <http://www.youtube.com/watch?v=wskTz0HI7oQexplain> that rosh chodesh is marked by a new moon, talk about rotation of earth and the moon, watch moon phases video: <http://www.youtube.com/watch?v=7vUObZwLJ8A&feature=relatednot> only does the moon change over time, but so do the stars that we see in the sky!! Talk a bit about what constellations are, and read a few of the constellation stories found here: [www.tcoe.org/SCICON/InstructionalGuide/Constellations.pdf](http://www.tcoe.org/SCICON/InstructionalGuide/Constellations.pdf) also hand out constellation sheet attached

make constellation telescopes: give out black paper, and either scissors or pins to poke holes in the paper (counselor assistance needed, for the most part with this). Poke hole in the paper in the shape of your favorite constellation (your zodiac, your favorite animal, or a story that you like). Tape the paper to the end of the styrafoam cup with the bottom cut out. When campers look through cup, when holding up to the light, it looks like stars in the night sky.

With extra time, you can also put glow-in-the-dark stickers on black paper, and make decorations for their bunks