

Our Place in Space

Science Teacher Education Course: Summer, 2015

Monday, July 13, 2015

7:30—8:15 a.m.:	Teacher sign in, breakfast, logistics, course introduction
8:15—8:30 a.m.:	Failure is Not an Option activity
8:30—8:55 a.m.:	Fixed and Growth Mindsets
9:00—11:15 a.m.:	Engineering and Technology and Engineering Design Cycle lessons
11:15 a.m.—12:00 p.m.:	Lunch
12:00—1:00 p.m.:	Science Inquiry Learning Cycle
1:00—1:25 p.m.:	Norms
1:25—2:35 p.m.:	Graphs lesson
2:35—3:10 p.m.:	Practices and KTA wrap up
3:10—3:30 p.m.:	Website, homework, evaluation

Tuesday, July 14, 2015

7:30—7:45 a.m.:	Teacher sign in, breakfast
7:45—8:05 a.m.:	Fish is Fish and Formative Assessment Probes
8:05—9:05 a.m.:	Norms, Measurement lesson
9:05—9:20 a.m.:	Force and Motion introduction
9:20—10:20 a.m.:	Newton's Laws of Motion lesson
10:25—11:25 a.m.:	Universal Gravitation lesson
11:25—11:55 a.m.:	Lunch
11:55 a.m.—12:55 p.m.:	Microgravity lesson
1:00—2:35 p.m.:	Launching Rockets lesson
2:35—3:30 p.m.:	Wrap up, homework, evaluation

Wednesday, July 15, 2015

7:30—7:55 a.m.:	Teacher sign in, breakfast, review homework
7:55—8:35 a.m.:	Introduction – modeling the motion of the Earth, Moon and Sun
8:35—9:55 a.m.:	Day/Night Cycle lesson
9:55—11:25 a.m.:	Seasons lesson
11:25—11:55 a.m.:	Lunch
11:55 a.m.—1:10 p.m.:	Lunar Phases lesson
1:10—3:00 p.m.:	Telescope and Spotting the Sun lesson
3:00—3:30 p.m.:	Models wrap up, homework, evaluation

Thursday, July 16, 2015

7:30—8:05 a.m.:	Teacher sign in, breakfast, introduction – solar system formation
8:05—9:15 a.m.:	Solar System Structure lesson
9:15—9:40 a.m.:	Register Tape Debrief and Pixel Moon
9:40—11:05 a.m.:	Planets in Orbit lesson
11:05—11:40 a.m.:	Lunch
11:40 a.m.—1:10 p.m.:	Make an Impact lesson
1:20—2:50 p.m.:	Meet the Planets lesson
2:50—3:30 p.m.:	Solar System Model wrap up, homework and evaluation

Friday, July 17, 2015

7:30—8:00 a.m.:	Teacher sign in, breakfast, discuss homework
8:00—8:45 a.m.:	Museum exploration and debrief
8:45—9:55 a.m.:	The Electromagnetic Spectrum lesson
9:55—11:15 a.m.:	Stars lesson
11:15 a.m.—12:00 p.m.:	Lunch
12:00—1:05 p.m.:	Parachute Drop
1:05—2:25 p.m.:	Keep it Cool lesson
2:25—3:30 p.m.:	Wrap up, evaluation