

Unit 3: The Moon

| DAY | Lesson | Student Activities | AV presentation | Homework | Assessment |
|-----|--|--|--|---|---|
| 1 | Lesson 3-1: Observing the Moon | Lab 3-1: Observing Phases of the Moon Handout 3-2: Estimating Angles | | Puzzle 3-1: The Moon | |
| 2 | Simulating Moon Phases and Eclipses | Activity 3-1: Simulating Moon Phases and Eclipses | 3-1a: Phases <i>Starry Night settings file: Phases of the Moon</i> | | Puzzle due |
| 2 | Explaining Moon Phases | Handout 3-1: Explaining Moon Phases | 3-1b: Eclipses | Moon Phase and Eclipse Homework Handout 3-3 | |
| 3 | Moonrise and Moonset | Activity 3-2: Moonrise and Moonset | | | Homework due |
| 4 | Lesson 3-2: Looking at the surface of the moon | Activity 3-3: Moon Mosaic | | | |
| 5 | Identifying Major Lunar Surface Features | Lab 3-2: Identifying Major Lunar Surface Features | 3-2: Moon Map | | |
| 6 | Drawing lesson | Lab 3-3: Draw the Moon | | Imaginary Lunar Surface Drawing | |
| 7 | Finish activity and review for quiz | Finish Draw the Moon activity | | | Drawings due Quiz on Major Lunar Surface Features |
| 8 | Lesson 3-3: Tides | Handout 3-4: Tides | Presentation 3-3: Tides | | |

Unit 3 The Moon Pacing Guide

| DAY | Lesson | Student Activities | AV presentation | Homework | Assessment |
|-----|---|---|-----------------|----------|---|
| 9 | Lesson 3-4: Analysis of Lunar Images | Lab 3-5: Relative Size of Earth and Moon | | | |
| 10 | Cratering lab | Lab 3-6: Cratering | | | |
| 11 | Cratering lab continues | | | | |
| 12 | Height of lunar Mountains | Lab 3-4: The Height of Lunar Mountains | | | |
| 13 | Review for Test | | | | Lunar phase lab due (assumes you started unit at new moon) |
| 14 | Test | | | | Test 3-1 |