Astronomy Grade Recovery Plan

Instructions: For each unit that you wish to replace 40% (missing grades), watch the Crash Course Astronomy Videos and complete the worksheets that go with each video.

Crash Course Astronomy Website:

<https://www.youtube.com/results?search_query=crash+course+astronomy>

Unit 1 – History of Astronomy and Measurements

1. #1 - Introduction to Astronomy
2. #2 – Naked Eye Observations
3. #3 – Cycles in the Sky
4. #24 – Light
5. #25 – Distances

Unit 2 – The Moon

1. #4- Moon Phases
2. #5 - Eclipses
3. #6 – The Gravity of the Situation
4. #7 – Tides
5. #12 – Moon

Unit 3 – Solar System

1. #9 – Introduction to the Solar System
2. #10 – The Sun
3. #11 – The Earth
4. #13 – Mercury
5. #14 – Venus
6. #15 – Mars
7. #16 – Jupiter
8. #17 – Jupiter’s Moons
9. #18 – Saturn
10. #19 – Uranus and Neptune
11. #20 – Asteroids
12. #21 – Comets
13. #22 – The Oort Cloud
14. #23 – Meteors
15. #27 – Exoplanets

Unit 4 – Stars

1. #26 – Stars
2. #28 – Brown Dwarfs
3. #29 – Low Mass Stars
4. #30 – White Dwarfs and Planetary Nebulae
5. #31 – High Mass Stars
6. #32 – Neutron Stars
7. #33 – Black Holes
8. #34 – Binary and Multiple Stars
9. #35 – Star Clusters
10. #36 – Nebulae

Unit 5 – Galaxies and Cosmology

1. #37 – The Milky way
2. #38 – Galaxies, Part 1
3. #39 – Galaxies, Part 2
4. #40 – Gamma Ray Bursts
5. #41 – Dark Matter
6. #42 – The Big Bang - Cosmology, Part 1
7. #43 – The Big Ban – Cosmology, Part II
8. #44 – A Brief History of the Universe
9. #45 – Deep Time
10. #46 – Everything, the Universe…and Life