

2021-2022 Astronomy Year-At-A-Glance

Unit Title	Student Expectations
1st Nine Weeks: August 23 – October 15 Assessment - 1st NW Exam Window:~ October 10- October 15	
Unit 1: History of Astronomy and Telescopes ancient astronomy, modern astronomers, historic/modern telescopes, motions of	4-A,B,C,D; 14-A,B,C,D,E
Unit 2: Investigating Motions of the Sky Motions of Sun, Solstices, equinoxes, and Seasons, Motions of Stars, Constellation Project, Motions of Planets	5-A,B,C; 6-A,B,C; 8-A,B,C,D
2nd Nine Weeks: October 18 – December 17 Assessment - Sem 1 Final Exam Testing Window:~ December13-December 17	
Unit 3: Investigating the Earth, Moon, Sun System, rotation/revolution, Moon phases, solar and lunar eclipses	A,B; 6-A,B,C; 7-A,B,C,D
Unit 4: Investigating Solar System Objects Planet characteristics, distance comparison between planets, Planets and their Moons	4-D; 6-A,B,C; 9-A,B,C,D
3rd Nine Weeks: January 4 – March 11 Assessment - 3rd NW Testing Window:~ March 7- March 11	
Unit 5: Space Missions Historic and modern space missions	4-D; 14-A,B,C,D,E
Unit 6: Big Bang: research Big bang theory, current evolution theories,fate of universe	13-A,B,C
Unit 7: Galaxies: characteristics, identifying, compare	6-C,E; 12-A,B,C
4th Nine Weeks: March 21 – May 26 Assessment - Sem 3 Final Exam Window: TBD, seniors test early	
Unit 8: Stars life cycle, high and low mass, build a HR diagram, black hole theories	6-D,E; 11-A,B,C,D,E,F,G
Unit 9:The Sun: characteristics, layers, 11 year cycle, solar magnetic storms	4-D; 10-A,B,C,D
Unit 10: The Future: future missions, search for alien life	

Process standards should be embedded into instruction on a daily basis

[Click here to access state Astronomy standards.](#)

Any additional notes: