

**Astronomy GCSE Revision Schedule**

This revision timetable is designed to structure revision. You are expected to complete all of the tasks each week as part of your homework. You will be periodically asked to bring in evidence that you are completing the tasks at home. In addition you may be asked to do extra exam questions etc. to help further your revision.

All resources for starlearner can be accessed here

Star learner username: - Walton

Password: - Astro14

PowerPoint revision boosters here:-

 <http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/IndexNew.htm>

More Useful Links

<http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/links.htm>

School Astronomy Website and Forum

<http://astronomyatwaltonhigh.weebly.com/>

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| **Date (W/B)** | **Topic** | **Topic/Tasks** |
| **18/01** | **Pointer Stars, Asterisms and Constellations** | Read section 3.1 (starlearner)Complete quiz <http://www.yusufahmed.com/gcse-astronomy-revision-page/constellations-revision-page/>Watch<https://www.youtube.com/watch?v=P0-erXr0394><https://www.youtube.com/watch?v=an4rgJ3O21A&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=35><https://www.youtube.com/watch?v=W8UI7F43_Yk&index=36&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/stars/3-1_constellations.html> |
| **25/01** | **Celestial Coordinates, Circumpolar Stars, ecliptic and the zodiac**  | Read Section 3.2b,c,d,e,f,h,l,m , 2.1 (starlearner)Complete Quiz <http://www.yusufahmed.com/gcse-astronomy-revision-page/observing-the-night-sky-revision-questions/>Watch<https://www.youtube.com/watch?v=01QWC-rZcfE&index=3&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL>Key Facts<http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/Revision/Topic%203%20Key%20Facts%20Notes.pdf>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/stars/3-2_observing_night_sky.html> |
| **01/02** | **Orbits, Comets and Meteors, Satellites and Ring Systems** | Read Section 2.2 (all) (starlearner)Complete quiz <http://www.yusufahmed.com/gcse-astronomy-revision-page/comets-meteors-revision-questions/>Watch<https://www.youtube.com/watch?v=auxpcdQimCs&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=20><https://www.youtube.com/watch?v=yB9HHyPpKds&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=21><https://www.youtube.com/watch?v=ZJscxTyI__s&index=22&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/planetary/2-2_comets_meteors.html> |
| **08/02** | **Planet earth, The moon features, moon phases, creation of the moon, exploring the moon** | Read Section 1.1 (all), 1.2 (all) (starlearner)Complete quizzes<http://www.yusufahmed.com/gcse-astronomy-revision-page/unit-1/><http://www.yusufahmed.com/gcse-astronomy-revision-page/the-moon-revision-questions/>Watch<https://www.youtube.com/watch?v=w-9gDALvMF4&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=11><https://www.youtube.com/watch?v=mCzchPx3yF8&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=12>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/earthmoonsun/1-1_planet_earth.html><http://www.gcseastronomy.co.uk/space/earthmoonsun/1-2_moon.html><http://www.gcseastronomy.co.uk/space/planetary/2-3_discoveries.html> |
| **15/02** | **The Sun, Sunspots, Observing, Eclipses** | Read 1.4 (all) (starlearner)Complete quizzes<http://www.yusufahmed.com/gcse-astronomy-revision-page/the-sun-revision-questions/><http://www.yusufahmed.com/gcse-astronomy-revision-page/earth-moon-sun-interactions/>Watch<https://www.youtube.com/watch?v=b22HKFMIfWo&index=10&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/earthmoonsun/1-3_sun.html><http://www.gcseastronomy.co.uk/space/earthmoonsun/1-4_interactions.html> |
| **22/02** | **Time, Eratosthenes, Shadow Sticks, Aurorae** | Read 1.1h-I, 1.1e (starlearner)Key Facts<http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/Revision/Topic%201%20Key%20Facts%20Notes.pdf><http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/Revision/Topic%202%20Key%20Facts%20Notes.pdf> |
| **29/02** | **Galileo, Discoveries, Heliocentric solar system, Kepler’s law, Planets** | Read 2.3 (all) (starlearner)Complete Quiz <http://www.yusufahmed.com/gcse-astronomy-revision-page/solar-system-discoveries/>Animations and Images<http://www.gcseastronomy.co.uk/space/planetary/2-1_solar_system.html><http://www.gcseastronomy.co.uk/space/planetary/planets.html><http://www.gcseastronomy.co.uk/space/planetary/2-3_discoveries.html> |
| **07/03** | **Exoplanets, drake equation, water on earth, dwarf planets** | Read Section 2.4 (all) (starlearner) Complete Quiz<http://www.yusufahmed.com/gcse-astronomy-revision-page/exoplanets/>Watch<https://www.youtube.com/watch?v=7ATtD8x7vV0&index=27&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/planetary/2-4_exoplanets.html> |
| **14/03** | **Collections of stars, stellar distances, stellar magnitudes** | Read Section 3.3a-3.3i (starlearner)Watch <https://www.youtube.com/watch?v=ZJscxTyI__s&index=22&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL> |
| **21/03** | **Variable stars, spectroscopy** | Read Section 3.3j-3.3n (starlearner) Watch<https://www.youtube.com/watch?v=RrMvUL8HFlM&index=32&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL><https://www.youtube.com/watch?v=pIFiCLhJmig&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=34>Animations and Images<http://www.gcseastronomy.co.uk/space/stars/3-3_properties.html> |
| **28/03** | **Lifecycle of stars, Hertzsprung Russell Diagram terminology (aphelion perihelion etc.)** | Read Section 2.1i, 3.3q (starlearner)Complete Quiz<http://www.yusufahmed.com/gcse-astronomy-revision-page/evolution-of-stars-revision-questions/>Watch<https://www.youtube.com/watch?v=ld75W1dz-h0&index=26&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL><https://www.youtube.com/watch?v=jfvMtCHv1q4&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=29><https://www.youtube.com/watch?v=Mj06h8BeeOA&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=30><https://www.youtube.com/watch?v=PWx9DurgPn8&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=31>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/stars/3-4_evolution.html> |
| **04/04** | **Galaxies types of, Hubble’s tuning fork diagram, Active Galaxies, the Milky Way** | Read Section 4.1 (all), 4.2 (all) (starlearner)Complete Quizzes<http://www.yusufahmed.com/gcse-astronomy-revision-page/galaxiesrevisionquestions/><http://www.yusufahmed.com/gcse-astronomy-revision-page/the-milky-way-revision-questions/>Watch<https://www.youtube.com/watch?v=qZWPBKULkdQ&index=33&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL><https://www.youtube.com/watch?v=tj_QPnO8vpQ&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=37>Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/galaxies/4-1_milky_way.html><http://www.gcseastronomy.co.uk/space/galaxies/4-2_galaxies.html> |
| **11/04** | **Groups of Galaxies, Hubble’s law, Red Shift** | Read Section 4.3 (all to 4.3h) (starlearner)Complete Quiz<http://www.yusufahmed.com/gcse-astronomy-revision-page/cosmology/>Watch<https://www.youtube.com/watch?v=I82ADyJC7wE&index=38&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL><https://www.youtube.com/watch?v=_O2sg-PGhEg&index=39&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL> Make flashcards/revision notes/concept maps from <http://www.gcseastronomy.co.uk/space/galaxies/4-3_cosmology.html> |
| **18/04** | **CMBR, Fate of the universe, dark matter and dark energy** | Read Section 4.3i-4.3p (starlearner)Key Facts<http://www.astronomygcse.co.uk/AstroGCSE/New%20Site/Revision/Topic%204%20Key%20Facts%20Notes.pdf>Watch<https://www.youtube.com/watch?v=9W3RsaWuCuE&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=41><https://www.youtube.com/watch?v=9B7Ix2VQEGo&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=42><https://www.youtube.com/watch?v=gzLM6ltw3l0&index=43&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL><https://www.youtube.com/watch?v=IGCVTSQw7WU&list=PL8dPuuaLjXtPAJr1ysd5yGIyiSFuh0mIL&index=44> |
| **25/04** | **Exam Questions** | Complete 2011 paper, watch videos and self-mark <http://www.yusufahmed.com/gcse-astronomy-revision-page/astronomy-gcse-past-papers/> |
| **02/05** | **Exam Questions** | Complete 2010 paper, self-mark<http://www.yusufahmed.com/gcse-astronomy-revision-page/astronomy-gcse-past-papers/> |
| **09/05** | **Exam Questions** | Complete 2009 paper, self-mark<http://www.yusufahmed.com/gcse-astronomy-revision-page/astronomy-gcse-past-papers/> |
| **16/05** | **Exam Questions** | Complete 2007 paper , self- mark |
| **20th MAY EXAMINATION!!!** |