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| **What will we be learning?**Universe   | **Why this? Why now?**Previous Learning Earth StructureFuture Learning GCSE Physics - SpaceEnquiry ProcessesAnalyse Patterns, Discuss limitations, Draw conclusions, Review Theories, Critique Claims.  | **Key Words:**AxisExoplanetGalaxyLight yearMoonOrbitSeason Star Sun |
| **What will we learn?*** How the solar system is modelled.
* Explaining day and night
* Explaining seasons
* How the planet is involved in the solar system, galaxy and universe
* Describe the scale of the universe and explain the method for measuring distances in space

**Misconceptions in this topic*** How day/night happen
* The shape of the orbit of the Earth
* What orbits what in space
* Where stars are in relation to earth
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| **What opportunities are there for wider study?**CareersPhysics Teacher Astrophysicist Telescope Designer STE(A)M https://highcliffe.sharepoint.com/sites/LearnSTEM |
| **How will I be assessed?**End of topic assessment  |