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| Eagle Owls EARTH AND SPACE – Knowledge Organiser | |
| **Key Vocabulary** | **Famous Scientists** |
| **Gravity:** a pulling force exerted by the Earth  **Moon:** a natural satellite that orbits the Earth and other planets  **Orbit:** to move in a regular curved path around another object  **Planet:** a large object (round of nearly round) that orbits a star  **Phases of the Moon:** the repeating cycle of the changing shape of the moon as seen from Earth  **Rotation:** spinning  **Solar system:** the sun and everything that orbits or travels around it  **Sphere:** a round 3D shape in the shape of a ball  **Star:** a giant ball of gas held together by its own gravity (sun)  **Time zones:** there are 24 time zones around the Earth approximately an hour apart |  |
| **Useful websites and books:**  <https://www.dkfindout.com/uk/space/>  <https://www.bbc.co.uk/bitesize/topics/zkbbkqt>  [https://www.bbc.co.uk/iplayer/episodes/p07922lr/the-planet**s**](https://www.bbc.co.uk/iplayer/episodes/p07922lr/the-planets)(5 great prorammes to watch)  The following books are availible in our class: In Focus: Space, Planetarium, Solar Systwm (Barefoot Books) and 100 Facts About Space. |

