**Year 8 – Space Learning Journey**

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| Lesson | Oi! Remember this! |
| **1.) Describe the Hierarchy of the Universe.** |  |
|  | **Universe, Galaxy, Solar System, Star, Planets, Moons, satellites.** |
| **2.) Movements of the Earth and Moon** |  |
|  | **The Earth orbits the sun in 3651/4 days (year) spins on its axis in 24 hours (day) and the moon orbits every 28 days .** |
| **3 & 4.) Changing ideas over time…** |  |
|  | **Ideas about the Universe have changed dramatically over time…new ideas are based on evidence.** |
| **5.) Planet research** |  |
|  | **Detailed knowledge about one particular planet.** |
| **6.) The Solar System (feedback from 5)** |  |
|  | **A planets’ defining features are dependent on the distance of it form the sun. My Very Easy Method At Jumping Streetlamps Usually Needs Pads.** |
| **7.) Atmospheres**  |  |
|  | **Atmospheres are layers of gas around a planet. They can help heat the planet.** |
| **8.) How height of the Sun effects the length of shadows.** |  |
|  | **The higher the sun in the sky the smaller the shadow cast.**  |
| **9.) Phases of the Moon.**  |  |
|  | **Moon reflects suns light as it obits the Earth which produces ‘phases’. New, Crescent, half, Gibbous, Full and back.** |
| **10.) Satellites and their uses.** |  |
|  | **There are different types of Satellite; low polar, geostationary, natural etc.**KS2 – Day and year length.8 – Shadow formation from Light & Sound. |
| **EXAM 2 Assessment** |  |