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| SCIENCE SKILLS REC to Y6  EARTH AND SPACE | | | | | | | |
|  | EYFS Skills | Key Stage 1 Skills | | Lower Key Stage 2 Skills | | Upper Key Stage 2 Skills | |
|  | End of REC  Expectations | End of Year 1  Expectations | End of Year 2  Expectations | End of Year 3 Expectations | End of Year 4  Expectations | End of Year 5 Expectations | End of Year 6 Expectations |
| ASPECT | Average age 5 years 6 months | Average age 6yrs 6months | Average age 7years 6 months | Average age  8years 6 months | Average age 9 years 6 months | Average age 10 years 6 months | Average age 11 years 6 months |
| Identifying and naming |  |  |  |  |  | Name the eight planets of the solar system and describe their position and movement relative to the Sun and neighbouring planets. |  |
| Moons |  |  |  |  |  | Describe what a moon is, how they maintain an orbit around a planet and which planets in our solar system have them. |  |
| Spherical bodies |  |  |  |  |  | Describe the key force responsible for planets being spherical. |  |
| Growth, Health and survival |  |  |  |  |  |  |  |
| Day and night |  |  |  |  |  | Explain day and night using the Earth’s rotation, correct terminology and a model if required. | Compare times in other parts of the world and relate this to the use of timezones. |
| Day length and the seasons |  |  |  |  |  | Explain how the Earth’s ‘position’ affects day length. | Explain how the day length changes to a greater or lesser degree in other parts of the world (e.g. Artic or equatorial regions). |