**Science- progression**

**Earth and Space**

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| **Reception:** * Talks about why things happen and how things work.
* ***Discussion and exploration linked to fiction and non-fiction texts, media and children’s own knowledge/interests; including use of and introduction to some key vocabulary e.g. moon, sun, earth, planet, space, astronaut, star, spaceship/rocket***
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| Year 1: N/ARecap –  |
| Year 2: N/ARecap -  |
| Year 3: N/ARecap -  |
| Year4: N/ARecap  |
| Year 5: * **describe the movement of the Earth and other planets relative to the sun in the solar system**
* **describe the movement of the moon relative to the Earth**
* **describe the sun, Earth and moon as approximately spherical bodies**
* **use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky**

**Working Scientifically*** identifying scientific evidence that has been used to support or refute ideas or arguments.

**Links to Teacher Assessment Framework*** The pupil can describe the shapes and relative movements of the sun, moon, earth and other planets in the solar system; and explain the apparent movement of the sun across the sky in terms of the earth’s rotation and that this results in day and night.

Recap – **Vocabulary:** Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation**Working scientifically vocabulary**: report and present (conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation), evidence (support, refute ideas or arguments) |
| Year 6: N/ARecap –  |