## PlanBee Science Assessment: Earth and Space: KS2 Group: Plan Bee Year: Earth and Space Science Term: Do children recognise that the Earth, Sun and Moon are spherical? Can children give examples of evidence to prove that the Earth, Sun and Moon are spherical? Can children describe why people have not always believed that the Earth was spherical? Can children choose three spheres to represent the relative sizes of the Sun, Earth and Moon? Do children know the actual sizes of the Sun, Earth and Moon? Do children know approximately how far away from each other the Earth, Sun and Moon are? Do children know that shadows change position during the day and why? Do children know that the Earth spins on its axis once every 24 hours, making the Sun appear as though it is travelling across the sky? Can children explain why night and day do not happen at the same time in different parts of the world? Can children put data into a graph accurately? Can children use graphs to answer questions and draw conclusions? Can children explain why the length of daylight changes throughout the year? Do children know that a year is defined as the length of time it takes for a planet to orbit the Sun? Do children know that an Earth year is 365.25 days? Can children explain why we have different seasons throughout the year? Do children know that the Moon is a natural satellite of the earth? Do children know that the Moon reflects the Sun's rays? Can children explain why the Moon appears to change shape during the lunar cycle?