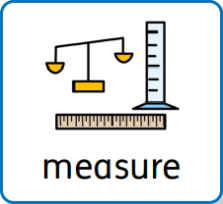
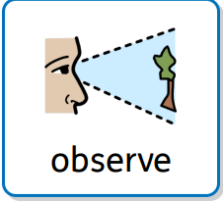


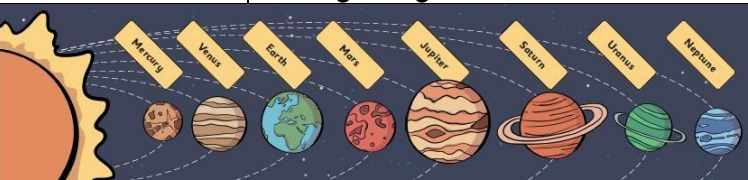


Topic	Earth and Space	Term	Autumn	Year Group	5
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Vocabulary	
sphere	A round 3D shape in the shape of a ball.
spherical body	Astronomical objects shaped like spheres.
orbit	To move in a regular, repeating curved path around another object.
rotate	To spin. E.g. Earth rotates on its own axis.
axis	An imaginary line that a body rotates around. E.g. Earth's axis runs from the North Pole to the South Pole.
asteroid	Small, rocky bodies that orbit, or travel around, the sun.
galaxy	A group of stars, clouds of gas, and dust particles that move together through the universe.
hemisphere	Half of a sphere, or ball
time zone	We split the globe into time zones using imaginary lines called meridians.
latitude and longitude	A system of lines used to describe the location of any place on Earth.
light year	The distance light travels in one Earth year.
celestial body	A natural object that exists outside the Earth's atmosphere.

Concepts and Knowledge	
 <p>measure</p>	<p>We will make first-hand observations of how shadows caused by the Sun change through the day. We will begin measuring our shadows from the beginning of the school day until the end.</p>
 <p>observe</p>	
	<p>It appears to us that the sun moves across the sky during the day. However, the Sun does not move at all. It just seems to us that the Sun moves because of the movements of the Earth.</p>
	<p>It takes a little more than 365 days to orbit the Sun. 365.25 to be exact (which is why we get a leap year every 4 years!)</p>
	
<p>My (Mercury) Very (Venus) Excellent (Earth) Mom (Mars) Just (Jupiter) Served (Saturn) Us (Uranus) Noodles (Neptune). This is a mnemonic for remembering the order of the planets!</p>	