## EXPLORING SCIENCE WORKING SCIENTIFICALLY

## **Beyond the Solar System**

Name		Cla	ss Date
Tick ( $\checkmark$ ) the boxes to show which is the correct ending for each sentence. Some sentences have more than one correct ending.			
1	<ul> <li>The Sun is:</li> <li>a star.</li> <li>a planet.</li> <li>a huge ball of gas that gives out energy.</li> <li>A galaxy is:</li> <li>a pattern of stars in the sky.</li> <li>millions of stars together.</li> <li>a very large star.</li> </ul>	2	<ul> <li>A constellation is:</li> <li>millions of stars grouped together.</li> <li>a pattern of stars in the sky.</li> <li>the shape of our galaxy.</li> <li>The Milky Way is:</li> <li>the name of our galaxy.</li> <li>the name for the way the stars seem to move during the night.</li> <li>the name for a bright band of stars in the sky.</li> </ul>
5	<ul> <li>A light year measures:</li> <li>distance.</li> <li>time.</li> <li>brightness.</li> </ul>	6	<ul> <li>The Sun looks brighter than the other stars because:</li> <li>it <i>is</i> brighter.</li> <li>it is much closer.</li> <li>we can only see it during the day.</li> </ul>
7	<ul> <li>We cannot see stars during the day because:</li> <li>they are very small.</li> <li>the Sun appears much brighter than the other stars.</li> <li>they are all on the other side of the Earth to us.</li> </ul>	8	<ul> <li>We cannot directly see the shape of the Milky Way because:</li> <li>we are inside it.</li> <li>we can only see it at night.</li> <li>its shape keeps changing.</li> </ul>

## I can...

- describe stars, galaxies and constellations
- describe the Milky Way
- describe what a light year is.

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