

Jupiter

By Cindy Grigg

¹ Jupiter is the fifth planet from the sun. It is 483 million miles from the sun. That's more than five times Earth's distance from the sun. Jupiter, the largest planet, was named after the king of the Roman gods. It is larger across than eleven Earths! Jupiter has at least 27 moons. One of Jupiter's moons is larger than the planet Mercury!

² Jupiter is covered by thick clouds. It is freezing cold at the top of the clouds. It is boiling hot at the center of Jupiter. There is a great red spot that is a giant storm. It's like a hurricane on Earth, but it is much larger: as big as two Earths! It has been going on for more than 400 years. The great red spot has been seen since people began looking at Jupiter with telescopes in the early 1600's. Jupiter has rings like Saturn's but much smaller and fainter. Jupiter's dark rings are probably made of dust and small pieces of rock. They are not like Saturn's bright rings which are mostly ice.



³ A year on Jupiter is nearly twelve Earth-years long. Jupiter's gravity is much more than Earth's. If you weigh 100 pounds on Earth, you would weigh 214 pounds on Jupiter. Jupiter is the fastest spinning planet in our solar system. A day on Jupiter is only ten hours. Jupiter has the shortest day of all the planets.

⁴ Jupiter has no solid surface. It is a planet of swirling gases. The bands of colors we see when we look at Jupiter are gases rising and falling.

Name _____

Science Pd _____

Jupiter

<p>1. How far from the sun is Jupiter?</p> <p><input type="radio"/> A 27 million miles</p> <p><input type="radio"/> B 483 million miles</p> <p><input type="radio"/> C 214 million miles</p>	<p>2. Jupiter is the _____ planet from the sun.</p> <p><input type="radio"/> A Third</p> <p><input type="radio"/> B Fifth</p> <p><input type="radio"/> C Fourth</p>
<p>3. You could fit _____ Earths across the middle of the planet Jupiter.</p> <p><input type="radio"/> A Ten</p> <p><input type="radio"/> B Five</p> <p><input type="radio"/> C Eleven</p>	<p>4. Jupiter has a great red spot that _____.</p> <p><input type="radio"/> A Is a huge storm that's been going on for over 400 years</p> <p><input type="radio"/> B Is red soil on the surface</p> <p><input type="radio"/> C Is a red ocean</p>
<p>5. Jupiter has no rings around it.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>	<p>6. How long is a year on Jupiter?</p> <p><input type="radio"/> A The same as a year on Earth</p> <p><input type="radio"/> B Ten hours</p> <p><input type="radio"/> C Nearly 12 Earth-years long</p>
<p>7. How long is a day on Jupiter?</p> <p><input type="radio"/> A The same as a day on Earth</p> <p><input type="radio"/> B Ten hours</p> <p><input type="radio"/> C Nearly 12 Earth-years long</p>	<p>8. Gravity is about the same on Jupiter as on Earth.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>
<p>9. Jupiter has a solid surface just like Earth's.</p> <p><input type="radio"/> A False</p> <p><input type="radio"/> B True</p>	<p>10. Jupiter is _____.</p> <p><input type="radio"/> A Much bigger than Earth</p> <p><input type="radio"/> B Smaller than Earth</p> <p><input type="radio"/> C The same size as Earth</p>

