

Which Planet Am I? AS2

Control Point	Read the clue, then match it with the right planet by inserting the control point number from AS1 for that planet.
	I'm the smallest planet and I'm made of rock. Because I'm so close to the Sun, it only takes me 88 days to do one orbit. In the daytime I get really hot, but at night my temperature can go down to minus 180 degrees Celsius. I often get bombarded by comets and asteroids.
	I'm named after the Roman god of war, and I'm sometimes called the Red Planet because of all the iron in my rocks. Although I'm your nearest neighbour, I'm a lot colder than Earth – my average temperature is minus 63 degrees Celsius. I also have a thin atmosphere and my surface is swept by huge dust storms.
	I'm a rocky planet, the 5 th largest planet in the Solar System and the third one out from the Sun, and I have just one moon. I'm what is sometimes called a Goldilocks Planet – not too hot and not too cold. This means I can be a home for living things and I have living things all over me, even swimming in my liquid oceans and flying around in my atmosphere.
	I'm named after the Roman goddess of beauty, but I'm hidden underneath a very thick layer of clouds. I rotate very slowly and one of my days lasts as long as 243 of your days on Earth. I'm usually the first star to appear in the evening and the last to disappear in the morning – so I'm often called the morning star (even though I'm a planet!).
	I'm the planet that's furthest away from the Sun, which just looks like any other star in my sky. Maybe that's why I was the last planet to be discovered. I have clouds of frozen methane that woosh through my atmosphere at the speed of a jet plane. But the methane does give me my lovely blue colour, which is why I'm named after the Roman god of the sea.
	I'm the largest planet in our solar system, the biggest of the four 'gas giant' planets, and I'm more than twice as massive as all the other planets combined! I have 80 moons, one of which is even bigger than Mercury. My gravity is so strong that it hoovers up many stray comets and asteroids so that they don't come crashing down on the other planets of the Solar System.
	With an average temperature of minus 220 degrees Celsius, I'm the coldest planet in the solar system. I'm one of the four gas giants, but it's not surprising that I'm sometimes called an ice giant instead. I'm so far out from the Sun that one of my orbits takes 84 of your Earth years.
	I'm really a very long way away from Earth – 1.6 billion Kilometres – but because I'm the second biggest planet, you can see me without a telescope. I have a system of rings made of rocks, ice and dust. They're only about 10m thick, but they extend for about 282,000 km. I also have 83 moons orbiting around me. Because I'm a gas giant, if you dropped me into a bath of water, I would float!

