

## William Herschel Makes a Discovery (Say his surname as if it was "her shell")



Telescopes make things look bigger when we look through them. In the picture you can see a model telescope. It is just like the telescope used by the famous astronomer William Herschel over 250 years ago. William Herschel was the first person to look all over the night sky with a telescope bit by bit according to a plan he had made. Because he did this careful work he discovered a planet no one had seen before, the planet Uranus. He also found groups of stars close together and pairs of stars that went round one another.

On **11<sup>th</sup> January** in the year 1787 William Herschel made another discovery. Going round the planet Uranus he saw two moons! Later Herschel made bigger telescopes. His telescopes all had mirrors inside them made of very shiny metal. This helped him see the sky more clearly. Today astronomers have even better telescopes. They can see that Uranus has not just two moons but five. William Herschel used his telescope to see more of the sky than other astronomers had seen before. He knew that God had made the stars.