

# Venus and the Moon

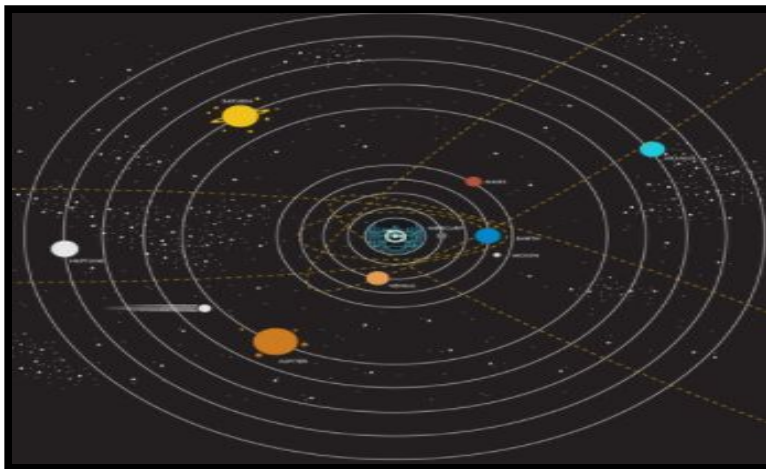
I saw Venus and the moon in the sky at 19:09 on Saturday the 28th of March 2020. The sky was a dark blue colour because the sun had set shortly before. The picture that I took looked very similar to Dr Colville's. I found it easy to find Venus and the moon because it was a clear night with no clouds or stars obstructing the view. As you can see in the picture, Venus looks very bright making it easily visible.

**Here is my photo of Venus and the Moon:**

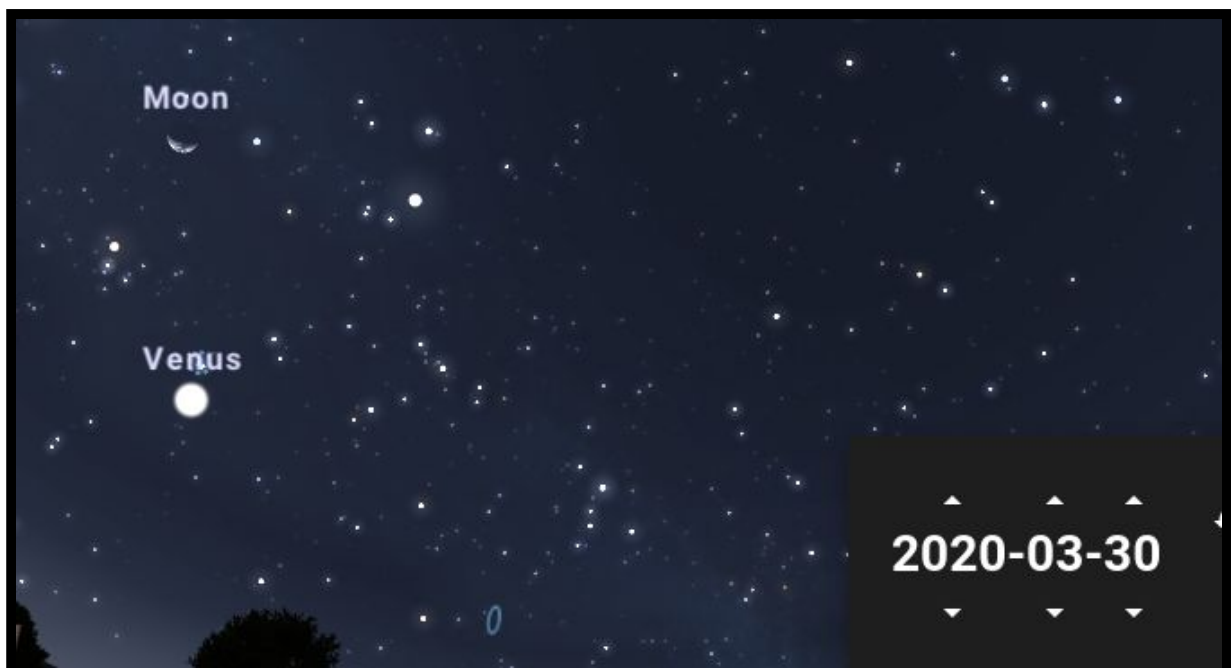
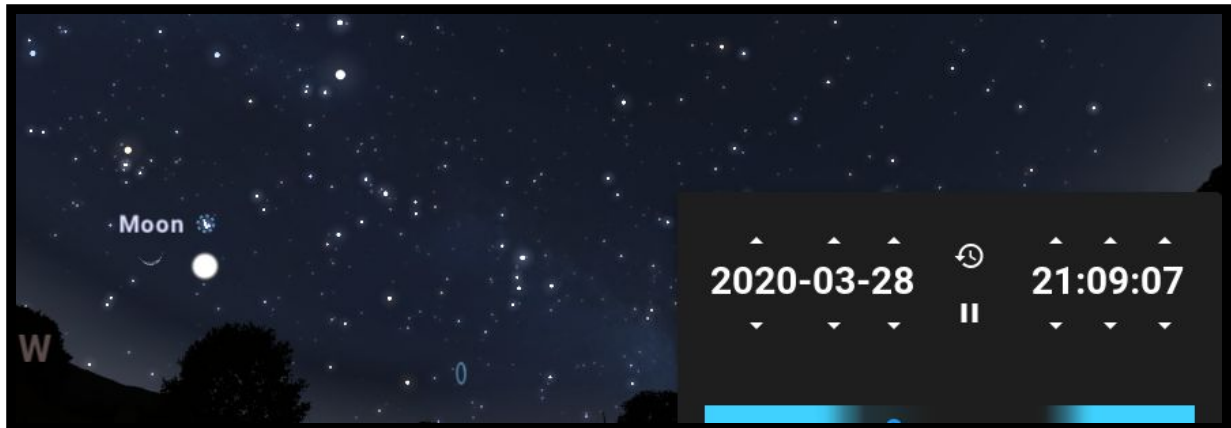


I can see that the position of Venus and the Moon has definitely changed from one night to the next. In the past few nights of observing these two planets, I can see that the moon and Venus have been moving further away from each other. After a bit of researching, I wasn't able to get a very clear explanation for this, but I will try my best to explain what I think. I believe that the reason that Venus and the Moon aren't always the same distance away from each other is because Venus completes its own orbit around the sun which is different to the Moon's. I'm not sure if I am correct so please do say if I'm wrong.

**Here is a diagram that I think displays my theory quite well:**



After looking through [Stellarium](#), I have a much better understanding of how Venus and the Moon change their positions in the sky on different days. I took some screenshots of what I saw so that you can see how this changes. Pay close attention to the date shown in the bottom right corner.





By Joshua Hayes.....7E