

3-6W - THE SOLAR SYSTEM



3-6W created their own solar system using sphere's they found around the school to represent planets, moons and a little sub-planet. The Sun is represented by the concrete path way. From the Sun students measured how far the planets needed to be placed. To do this they had to create a scale.

1 centremetre (cm) = 1 million kilometres (kms)

Objects you can see: Mercury, Venus, Earth (and moon), Mars (and two moons), Jupiter, Saturn, Neptune, Uranus, and Pluto

Facts and Questions

1. Mercury is the closest planet to the sun. What colour is it in the picture?
2. Can you see the sub-planet Pluto (its white)? On our map it is 58metres from the concrete, which means it is really 5 600 million kilometres from the sun!!!
3. Which is closer to the sun, Jupiter (the largest planet in our solar system) or Saturn (the planet that has rings around it)?
4. Have a guess at how many centimetres earth is from the concrete – Now work out how many kilometres it is from the sun!