Day and Year

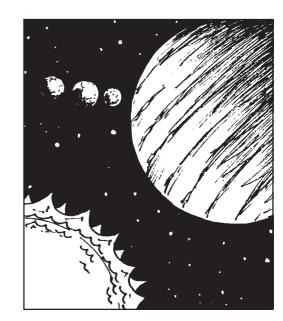A **day** on the planet earth is governed by the time it takes the earth to rotate once on its axis.

A **year** on the planet earth is governed by the time it takes for the earth to revolve around the sun once.

This form of timing is also used for the other planets in our solar system. The times for a day and a year vary greatly from planet to planet, but they are all measured on the length of a day and a year on the planet earth.
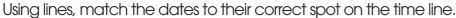
Use your research skills to complete the table below.

Planet	Distance from Sun	Length of Day	Length of Year
Mercury			
Venus			
Earth			
Mars			
Jupiter			
Saturn			
Uranus			
Neptune			
Pluto			

How long is a day and a year on our Moon?
Explain your answer.

_____

_____

_____

_____

_____

_____

AD and BC

A century is 100 years. Modern time started at the birth of Christ. For example, 1778 means one thousand seven hundred and seventy-eight years since the birth of Christ. However, there was time before the birth of Christ. To tell the difference, the initials AD and BC can be added to dates; BC meaning the years **B**efore **C**hrist and AD meaning **A**nno **D**omini or 'in the year of our Lord' (after the birth of Christ). Today's date is written without the initials AD as people understand that it is after the birth of Christ.

Using lines, match the dates to their correct spot on the time line.

2000 BC

1250 BC •

1500 AD •

500 AD •

1700 BC •

1950 BC •

1990 AD •

1050 AD •

100 BC •
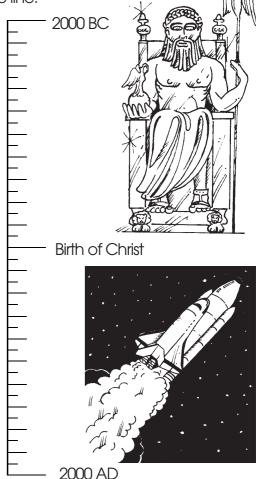
800 AD •

1350 BC •

Birth of Christ

2000 AD

Use your research skills to find the dates of the historical events listed below and then mark them on the time line.

• Australia's Federation _____

• Battle of Waterloo _____

• The destruction of Pompeii _____

• The making of the statue of Zeus _____

• The building of the Hanging
  Gardens of Babylon _____