Our Moon

- Has a nearly __________ orbit around the Earth
- Distance of 384 000 km from Earth
- One rotation takes 27 1/3 __________
- One __________ around the Earth takes 27 1/3 days
- Reflects light from the __________
- No atmosphere so all UV rays from the Sun reach the surface
- Gravity is only 1/6 of the __________'s gravity
- Craters are deep depressions on the surface caused by meteorites
- Maria (or 'seas') are large smooth areas on the surface covered by plains of grey basalt – like rock
- Lunar highlands and rilles (long steep-sided valleys) cover the rest of the surface

THE PHASES OF THE MOON

- 'Moonlight' – The Moon does not make its own light. It reflects light from the Sun. Half the Moon is always in sunlight, just as half the Earth has 'day' and the other half has 'night'. From Earth, we can only see 50 % of the Moon at any time.
- 8 Moon Phases each Lunar Month of 27.3 days
  1. N_______ M_______ - The face of the Moon facing Earth is completely in shadow ('No Moon'). The Sun, the Moon and the Earth are in line.
  2. W_______ C_______ – A horn-shaped part of the Moon is illuminated.
  3. F_______ Q_______ – Only half of the face of the Moon facing Earth is illuminated.
  4. W_______ G_______ – More than half of the face we see is illuminated.
  5. F_______ M_______ – All of the face we see is illuminated. The Sun, the Earth and the Moon are in a line.
  6. W_______ G_______ – More than half of the face we see appears lit.
  7. L_______ Q_______ – Only half of the face we see appears lit.
  8. W_______ C_______ – A horn-shaped part of the Moon facing Earth is illuminated.