

Homework **31g Rockets and satellites**

1. Use the words in the HELP-BOX to copy and complete the paragraph below.

orbits	geo-stationary
gravity	rockets

The of the earth pulls objects towards its centre. If you throw a rounders ball gravity will cause it to move in a curve. Gravity causes satellites to move in curves around the earth called
Satellites are taken into space by powerful If a satellite orbits the earth at a speed which makes it appear stationary in the sky it is in a orbit.

2. Here is a list of titles which describe the uses made of satellites.

Astronomy	Spying	Land surveying
Navigation	Communications	
Broadcasting	Weather forecasting	

Match each title with one of the following examples

Watching fleets of ships at sea
Sending TV pictures into our homes
Watching the movement of hurricanes
Helping sailors find their way
Photographing distant galaxies
Transmitting long-distance telephone calls
Checking on forest fires and growth of crops

3. Find out about and write short articles on one, or more, of these
- (a) Rockets - how they work
 - (b) The Voyager mission around the Solar System
 - (c) Apollo missions to the moon