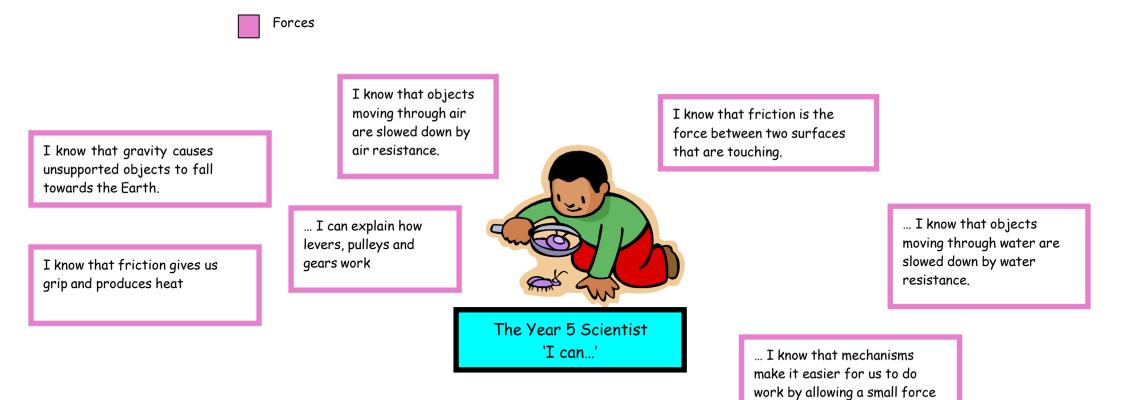


Earth & Space

T know that mixtures of T know that solutions can be different-sized solids can be separated by evaporation. separated by sieving. I know that the Sun the Moon, the Earth and seven T know that the Earth and the other planets are part of the other planets move around the solar system. Sun I know that cooking and burning are T know that the Moon I know that a mixture of a irreversible changes. ... I know that the Sun, the moves around the Earth. solid and a liquid can be Earth and the Moon are all separated by filtering. roughly spherical. ... I can explain that day and night are I can work out how to ... I can explain why the I know that a caused by the earth separate a mixture using reversible change Sun appears to move rotating (spinning). filtering, sieving or evaporating. means that a across the sky. material will change The Year 5 Scientist back to how it was 'I can .' ... I know that mixing, dissolving before ... I can put materials and changing state are all ... I can group materials into groups depending reversible changes. on how hard. depending on whether ... I can group materials depending on they're conductors or transparent (seewhether they're conductors or insulators through) or soluble insulators of heat. ... I know that irreversible they are. changes make new materials. ... I know that some materials are attracted ... I can do tests to find the best material to magnets. to use for a specific job. I know that if you mix an acid (like vinegar) and bicarbonate of soda they react (change), and the ... I know that dissolving a solid in a liquid ... I can explain why some materials have change is irreversible. makes a solution. specific uses.



to have a big effect.

... I know that mechanisms are things like levers, pulleys and gears.