

Science Puzzles 9 - 10

Earth, Time and Sound



Definition	What's the word?	Answers
The only planet in our Solar System with liquid water over most of its surface.		Earth
The star around which our Earth and the other planets in our Solar System rotate, Sol.		Sun
The large natural satellite orbiting our Earth.		moon
The time it takes for the Earth to spin once on its axis.		day
The time approximately equal to one cycle of the moon's phases, about 28 days.		month
The time it takes for the Earth to orbit the Sun once, about 365 days.		year
The appearance of the Sun on the eastern horizon in the morning.		sunrise
The disappearance of the Sun on the western horizon in the evening.		sunset
When the Sun is at its highest in the sky.		noon
The time between sunrise and sunset when the Sun is in the sky.		day time
The time between sunset and sunrise when the Sun is not in the sky and it is dark.		night time
The property of sound that depends on the frequency.		pitch
The volume or intensity of sound.		loudness
Quick to and fro motion like in the movement of a drum or string in a musical instrument.		vibration
Another word for sound.		noise
Vibrations moving through a solid, liquid or gas.		sound
A high volume or intense sound.		loud
A simple tool used to tune musical instruments.		tuning fork
Worn on the ears to keep down the noise.		ear muffs
Totally insulated from outside sounds.		soundproof

Teacher's notes - Use this resource sheet in a number of ways:

1. As a worksheet/assessment sheet - Cut off or fold back the answers. Ask the pupils to identify each definition then check their answers against the answer strip.
2. As a reference sheet - Encourage the pupils to use the definitions and answers to design their own crossword or wordsearch on squared paper.