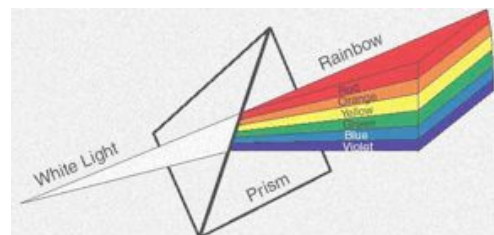


*Von den zwei kursiv geschriebenen Ausdrücken ist jeweils einer nicht richtig. Streiche ihn durch.*

Light is a kind of ~~water~~ / ~~energy~~. It comes from the Sun, from ~~ice~~ / ~~fire~~ or from electricity. It travels ~~rather slowly~~ / ~~very fast~~ – one million kilometres in three ~~days~~ / ~~seconds~~. Light travels ~~in straight lines~~ / ~~around corners~~, called rays. When light rays hit a ~~black~~ / ~~shiny~~ surface, they bounce back, or are reflected. When light bounces off your body and hits ~~dark place~~ / ~~a shiny mirror~~, it is reflected back to you and you see ~~the bones~~ / ~~a picture~~ of yourself.

Light is really a mixture of ~~black~~ / ~~colours~~. When light ~~stops in front of~~ / ~~passes through~~ a triangular-shaped piece of ~~glass~~ / ~~iron~~, called a prism, it breaks up into ~~separate colours~~ / ~~one colour~~. These are called the colours of the ~~spectrum~~ / ~~ghost~~.



Rainbows are formed when the Sun shines while ~~it is~~ / ~~it isn't~~ raining. Each raindrop acts as a ~~giant~~ / ~~tiny~~ prism, splitting up the light into many ~~drops~~ / ~~colours~~.

Sounds are made by ~~heat~~ / ~~vibrations~~ pushing the air about. The vibrations in the ~~air~~ / ~~water~~ are sound waves. To make sounds, we make the air in our ~~throats~~ / ~~feet~~ vibrate. The faster the vibrations, the ~~higher~~ / ~~lower~~ the sound.

The loudest sound recorded was caused by a ~~roaring tiger~~ / ~~volcano~~. When the volcanic island of Krakatoa ~~erupted~~ / ~~was discovered~~ in 1883, the bang was ~~heard~~ / ~~seen~~ clearly 5 000 km away.



Sound waves travel through air more slowly than light but ~~never~~ / ~~still~~ very fast – one kilometre in three seconds.

The ~~loudness~~ / ~~speed~~ of sounds is measured in decibels (dB). If the sounds are over 130 dB (~~a snail running away~~ / ~~a jet taking off~~), then they will cause damage to your ~~nose~~ / ~~hearing~~. The ~~quietest~~ / ~~longest~~ sound you can hear is 10 dB. ~~Heavy gunfire~~ / ~~Normal conversation~~ produces 50 dB.