

## Vocabulary Cards

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| <p><b>colour</b></p>   | <p>n. the property possessed by an object of producing different sensations on the eye as a result of the way it reflects or emits light.</p> <p><b>"The rainbow has seven colours".</b></p>                  |
| <p><b>compress</b></p> | <p>v. 1. flatten by pressure; force into less space. 2. squeeze or press (two things) together.</p> <p><b>"Air will compress when the space available is reduced".</b></p>                                    |
| <p><b>density</b></p>  | <p>n. 1. the degree of compactness of a substance; mass per unit volume. 2. the quantity of people or things in a given area or space.</p> <p><b>"Salt water has a greater density than fresh water".</b></p> |

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| <p><b>elasticity</b></p>  | <p>n. the property of returning to an initial form or state following stretching.</p> <p><i>"A balloon is elastic"</i></p> |
| <p><b>expand</b></p>      | <p>v. make or become larger or more extensive.</p> <p><b>"The air will expand when the space available increases".</b></p> |
| <p><b>flexibility</b></p> | <p>n. the property of bending easily without breaking.</p> <p><b>"Your clothes and paper are flexible materials".</b></p>  |

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| <p><b>hardness</b></p> | <p>n. the property of being solid, firm, and rigid; not easily broken, bent, or pierced.</p> <p><b>" A diamond is much harder than a rock".</b></p>     |
| <p><b>loose</b></p>    | <p>adj. not firmly or tightly fixed in place; not fitting tightly or closely.</p> <p><b>" If your belt is loose, your trousers will fall down".</b></p> |
| <p><b>mass</b></p>     | <p>n. the quantity of matter which a body contains.</p> <p><b>" The greater the mass of an object, the more it weighs on a scale".</b></p>              |

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| <p><b>material</b></p> | <p>n. the substance or substances out of which a thing is or can be made.</p> <p><b>"Wood is a natural material, but paper is an artificial one".</b></p>       |
| <p><b>matter</b></p>   | <p>n. something that has mass and takes up space, and exists as a solid, liquid, or gas.</p> <p><b>"A person, a book, and lemonade are made of matter".</b></p> |
| <p><b>measure</b></p>  | <p>v. determine the size, amount, or degree of (something) by comparison with a standard unit.</p> <p><b>"We measure the volume of a liquid in liters".</b></p> |

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| <p><b>mixture</b></p>  | <p>n. 1 a substance made by mixing other substances together. 2 (a mixture of) a combination of different things in which the components are individually distinct.</p> <p><b>"Lemonade is a mixture of lemon juice, sugar, and water".</b></p> |
| <p><b>property</b></p> | <p>n. An essential or distinctive characteristic or quality of a thing: <i>the chemical and physical properties of an element.</i></p> <p><b>"Elasticity is a property of rubber".</b></p>  |
| <p><b>shape</b></p>    | <p>n. the external form or appearance of someone or something.</p> <p><b>"Liquids take the shape of their container".</b></p>   |

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| <p><b>standard unit</b></p> | <p>n. an agreed system for measuring: grams, meters, or liters are standard units.</p> <p><b>"The standard unit to measure the weight of an object is the gram".</b></p>           |
| <p><b>stretch</b></p>       | <p>v. (of something soft or elastic) be made or be able to be made longer or wider without tearing or breaking.</p> <p><b>"If you stretch an elastic band it won't break".</b></p> |
| <p><b>take up</b></p>       | <p>v. occupy time, space, or attention.</p> <p><b>"A dining table takes up a lot of space in your living room".</b></p>  |

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| <p><b>tight</b></p>  | <p><b>adj.</b> fixed, closed, or fastened firmly.</p> <p><b>"If your trousers are very tight you might get a tummy ache".</b></p>                         |
| <p><b>volume</b></p> | <p><b>n.</b> the amount of space occupied by a substance or object or enclosed within a container.</p> <p><b>"We measure volume in cubic meters".</b></p> |