

Overview

In this document

A power point document that can be used as an approach to teaching vocabulary in Design and Technology

Tier Two Words in Design and Technology

What does it mean to really know a word?

		'serendipitous'
Semantic representation	The meaning of the word	I know that a serendipitous event is a good thing that happens accidentally
Phonology	The pronunciation of the word	I know this word is pronounced 'ser-uhn- dip -i-tous'
Orthography	The spelling of the word	<i>Serendipitous</i> – I can link the spelling to its pronunciation
Morphology	The units of meaning in the word	For example, the suffix <i>-ous</i> means 'full of'.
Syntax	How the word can function in a sentence	Serendipitous is an adjective. Serendipity is a noun.

Approaches to teaching vocabulary in Design and Technology

- As well as generating vocabulary, ideas and content in the 'stimulate and generate' phase, we can use our learning journeys for vocabulary instruction.

Which words should we focus on to develop a rich vocabulary?

Tier Three Words

Tier Three includes words whose frequency of use is quite low, often being limited to specific domains, the meaning of which students will often learn in specific subject areas.

Tier Two Words

Tier Two includes sophisticated words that appear in a wide variety of texts and in the written and oral language of mature language users. Knowing the meaning of Tier Two words allow us to express concepts with precision and make links to other ideas.

Tier One Words

Tier One consists of the most basic and frequently occurring words, the meaning of which students will often learn from everyday experiences.

Tier Three Words

deciduous, nutrient, wastage

Tier Two Words

establish, intervene, appreciated

Tier One Words

children, eaten, shops

Tier Two words build vocabulary across contexts and make links

Allows us to be precise and mature: we can use 'establish' to replace 'start off', 'set up' or even when discussing legal matters – 'the Iron Man's innocence has been established'.

establish

We can discuss links to other useful Tier Two words: *establishment*.

Children already possess the language to understand the word, but its introduction improves their vocabulary.

Identifying Tier Two words in a text

When babies begin to eat food (a messy business), they need a good source of nutrients to help them build a healthy body.

Newborn babies live on milk (either breast milk or formula feed) and iron stores that they take from their mother during pregnancy. However, by the time they reach six months, these stores have run down and it is important that they move on to a more varied diet - particularly fruit and vegetables.

Traditional farming methods mean that traces of pesticides (used to kill insects that harm plants) are often left on much of the food we eat. Worryingly for parents and carers, research has shown that children are especially vulnerable to these toxins, as their blood, kidneys and liver are not developed enough to excrete them. Even small amounts of pesticides can damage a child's long-term health.

As a result, more and more people are now choosing to buy organic baby food. This case study looks at the story of Baby Organix, one of the UK's leading brands of organic ready-made baby foods.

Practical Action: Technology Tackling Poverty

What if my text does not present me with Tier Two words?

vibrant

ornate

elaborate



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