Reading between the lines:
Improving Comprehension for Students

Kevin Larson
Microsoft Advanced Reading Technologies
July, 2016
Reading = Decoding × Comprehension
My father asked me to help the two men carry the box inside
My father asked me to help the two men carry the box inside.

Three of my friends had never been to a circus before today.

My grandfather has a large garden with fruit and vegetables.

He told a long story about ducks before his son went to bed.

My mother loves to hear the young girls sing in the morning.

The young boy held his hand high to ask questions in school.

My brother wanted a glass of milk with his cake after lunch.

I do not understand why we must leave so early for the play.

It is more than four hundred miles from my home to the city.

Our father wants us to wash the clothes before he gets back.

They would love to see you during your visit here this week.
Samuel Orton, 1925

Source: Wikimedia Commons: Wiley Human Visual System
p
d
• Name the letters b, d, p, q
• Write the letters b, d, p, q

Vellutino, 1978
3 skills for decoding

1. Fast letter identification
2. Phonemic awareness
3. Letter to sound correspondence
Source: Wikimedia Commons: Karlis Kanders
arm
A mother and her son are leaving home in the morning. She is taking him to visit his father’s workplace. The father is a laboratory technician at Victoria Memorial Hospital. While crossing the road, the boy is caught in a terrible accident, which critically injures him.
Llanfairpwllgwyngyllgogerychwyrndrob – wlllllantysiliogogogoch
Llanfairpwllgwyngyllgogerychwyndrob – wllllantysiliogogogoch

Llan · fair · pwll · gwyn · gyll · go · ger · ych · wyrn · drob · wll · llan · ty · silio · go · go · goch

Жу-рâвль хлоп-хлоп нó-сом, стучáл, стучáл, ни-че-гó не по-па-да-ет.
Reading = Decoding × Comprehension
The girl
The girl knew
The girl knew the answer
The girl knew the answer was wrong
The horse raced past the barn fell
The girl knew the answer by heart
The girl knew the answer was wrong
The Verona Sulpicius Severus, 517 AD
The only students I have ever met who ever believed their ears were blind.
The girl knew the answer by heart
The girl knew 'the answer was wrong'}
There are many strategies one can use in solving word problems.

Before you decide which strategy to use, you should begin by reading the problem carefully. Determine what you know and what you need to find out. Often it helps to underline numbers and key words in the problem. Once
Learning Tools for OneNote
http://www.onenote.com/learningtools

Kevin Larson    kevlar@microsoft.com