

# Word Engine

## Attributes, Case Studies, Results

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## **Presentation outline**

- **Review two main concepts behind WordEngine**
- **Review four main attributes of WordEngine**
- **Review five case studies**
- **Review independent research findings**



**Does increasing one's vocabulary size improve listening, speaking, reading, and writing?**



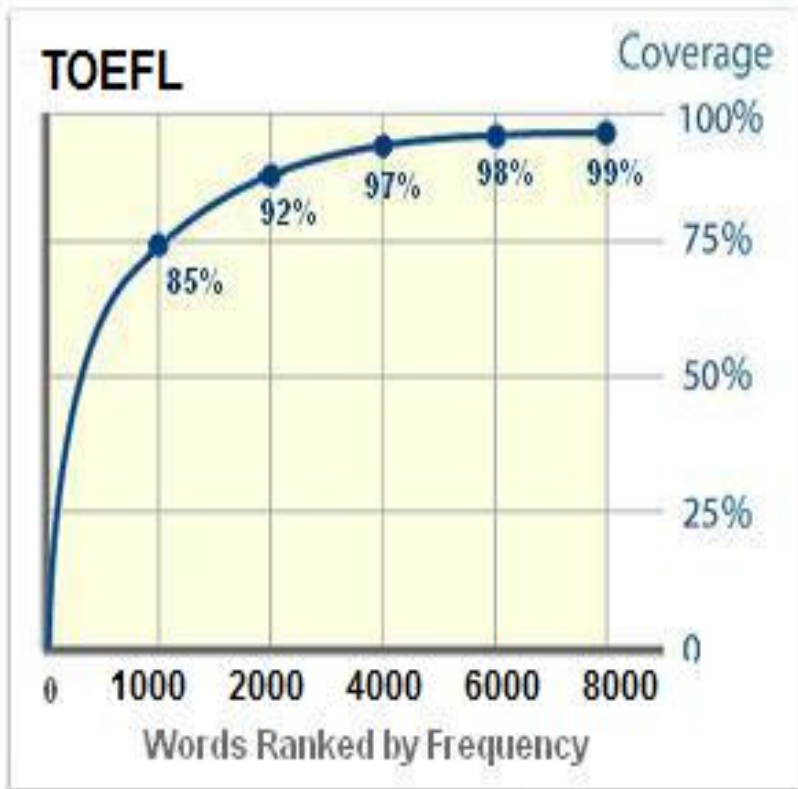
# YES!

**Increasing one's vocabulary size does improve listening, speaking, reading, and writing!**



# Word Engine€ combines two powerful concepts

## Coverage



There are specific words that occur most frequently within each specific subject domain.

Frequently occurring words provide the greatest amount of coverage for the domain.

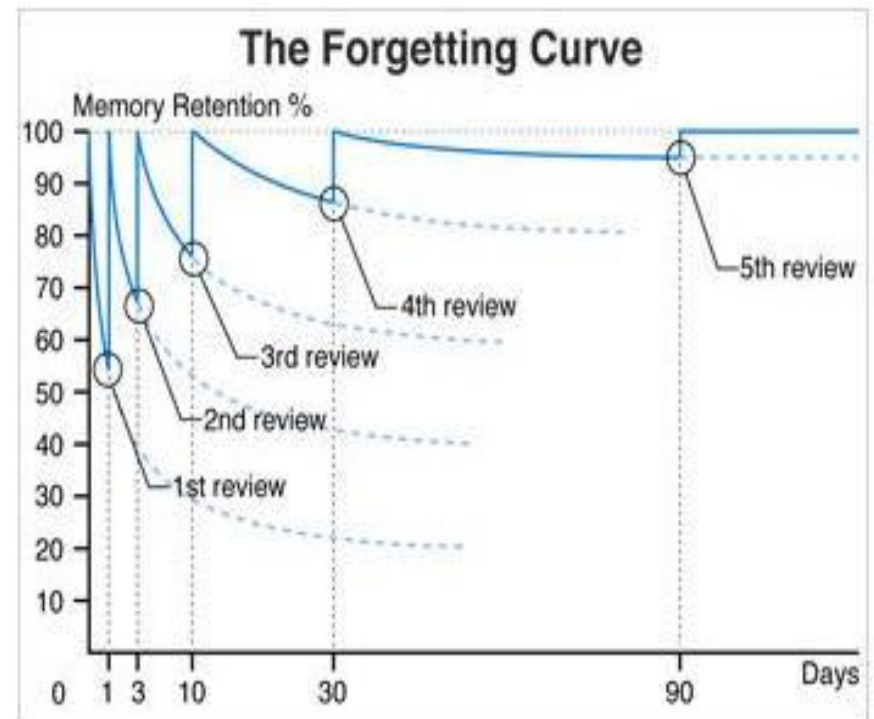
Focusing one's study on learning missing high frequency words is the fastest way to increase coverage of the domain.

# Word Engine combines two powerful concepts

## Retention

There is a scientifically proven process for efficiently transferring new information from short term memory to long term memory.

In the process known as spaced repetition, items are repeated six times at specific time intervals.



The Forgetting Curve. Dr. Hermann Ebbinghaus

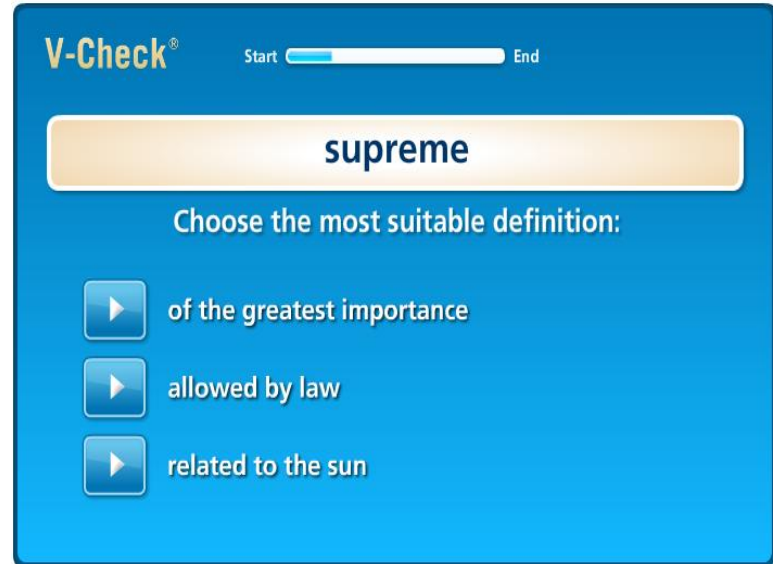
# Word Engine

## Main Attributes

### 1) Adjusts to each learner's vocabulary needs



LDT or Yes/No Questions



Definitional Questions










# Students study only their missing words

## V-Check Report

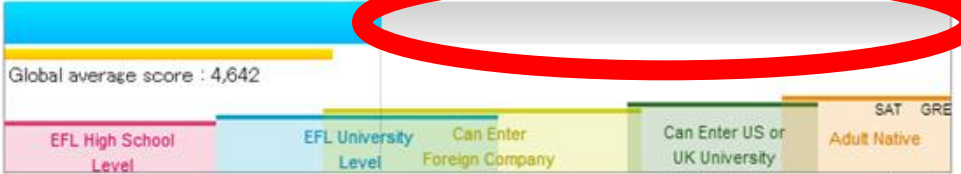
Username : unsunghero  
Test Date : 2013/04/17

Download  Share    

### General English Score

You know : **5,325** words \* [Study now](#)

Global average score : 4,642

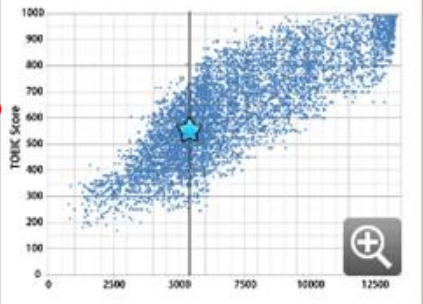


Average general ability based on vocabulary size

• You are among the top 37% of all test takers.

### TOEIC TOEFL pbt IELTS

Conversion Score : 545



### Learn all your missing words fast!

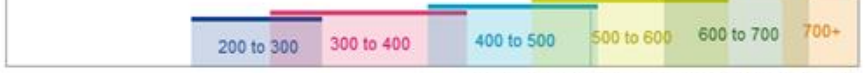
#### TOEIC

TOEIC Required : 6,480

You know : 4,451 [Study now](#)

Missing : 2,029

Global average score : 3,948



Average TOEIC scores based on vocabulary size


#### TOEFL

TOEFL Required : 7,501

You know : 4,609 [Study now](#)

Missing : 2,892

Global average score : 4,075



Average TOEFL pbt scores based on vocabulary size

# Word Engine

## Main Attributes

### 2) High speed vocabulary learning games

#### 01 Flashcards

Rapidly increase your vocabulary size.



#### 02 SightWords

Develop faster visual recognition ability.



#### 03 SoundBubbles

Develop faster aural recognition ability.



The fastest most effective way to learn English is mobile!



**The average pace is 5 words per minute**

# Word Engine

## Main Attributes

### 3) Teachers can set weekly study goals

Create Group

Group Name :

1 - 30 characters

Start Date : 2013/07/04  End Date : 2014/07/04

From 00:00 on this date To 24:00 on this date

Set a Goal :  Correct Responses : 150  per week

Note : 50 correct responses requires about 10 min.

Create Group Cancel

# Word Engine

## Main Attributes

### 4) Automatic email progress reports

Goal hit!

Goal miss

OC-212
Weekly Goal 300 Correct Responses (CR)
Goal Hit: Name: Login ID: Minutes: CR
.....
Yes: Kitoh Ayami: g1211772: 94: 508
Yes: fujita takahiro: g1215219: 45: 324
Yes: Nozue Shuhei: g1214599: 56: 314
Yes: Yamano Moeka: g1216425: 47: 309
Yes: kondo masamitsu: g1212249: 45: 306
No: Oda Kenta: g1211196: 36: 184
No: nakhara asato: g1214166: 29: 151
No: kanazawa kenta: g1211402: 27: 141
No: yamamoto akio: g1216452: 20: 141

# Case Study 1



- **AEON private language school chain**
- **All enrolled students**
- **Studying General English**
- **AEON's aim is to support reading, listening, and conversation**
- **WordEngine is made available for self-study**
- **Teachers are not using quizzes**
- **Grading is not applicable**
- **High participation and high satisfaction from students and local branch managers. No additional work for teachers. All progress results are monitored by the Tokyo HQ**

# Case Study 2



- **Nagasaki University**
- **2<sup>nd</sup> year reading and TOEFL students**
- **Studying General English and TOEFL courses**
- **Teacher's aim is to support reading and conversation**
- **WordEngine is assigned as weekly homework with a 150 CR goal**
- **Teacher is not using quizzes**
- **WordEngine is not part of the grade**
- **Good participation at first but, it drops off mid-semester. Minimal work for the teacher. Self-motivated learners do well**

# Case Study 3



- **Meiji University**
- **2<sup>nd</sup> year reading, writing, TOEFL, and debating students**
- **Studying General English and TOEFL courses**
- **Teacher's aim is to support reading and conversation**
- **WordEngine assigned as weekly homework with a 200 CR goal**
- **Teacher is using quizzes on a random basis**
- **15% of semester grade is based on goal hits - 1% per week**
- **Good, steady participation. Modest work for the teacher**

# Case Study 4



- **Future University Hakodate**
- **1<sup>st</sup> and 2<sup>nd</sup> year students**
- **Studying TOEIC and General English courses**
- **Teacher's aim is to support reading, listening, and conversation**
- **WordEngine is done for the first 10 min. of class, and assigned as weekly homework with a 200 CR goal**
- **Teacher is not using quizzes**
- **30% of semester grade is based on goal hits - 2% per week**
- **Very high and steady participation. Minimal work for the teacher**



# Case Study 5



MOMOYAMA GAKUIN UNIVERSITY  
FOSTERING CITIZENS OF THE WORLD

- **Momoyama Gakuin University**
- **2<sup>nd</sup> year conversation students, and administration staff**
- **Studying TOEIC and General English courses**
- **Teacher's aim is to boost vocabulary**
- **WordEngine is assigned as weekly homework with a 150 CR goal. If class work is completed students may study in class**
- **Teacher gives seven quizzes; one practice and six for grade**
- **45% of semester grade (15% on goal hits; 30% on quiz scores)**
- **Total participation. Moderate work for teacher to prepare and grade quizzes**

# Generate Quizzes (pdf downloads)

## Word Engine Quiz

Group : E2 2013

Course : All Courses

Student : 20202 / \*\*\*\* \*\*\*\*\*\*

These are words that you recently learned with the WordEngine. Write the letter of the correct word in the space at right.

**1. one who seeks to be elected to a position**

a. candidate                      b. bundle                      c. loaf                      d. adverb                      1.\_\_\_\_\_

1. a

**2. the process of making products**

a. goal                      b. essay                      c. industry                      d. reform                      2.\_\_\_\_\_

2. c

**3. to identify something or someone**

a. doubt                      b. assure                      c. recognize                      d. avoid                      3.\_\_\_\_\_

3. c

**4. work done to fix something**

a. reprehension                      b. heptagon                      c. repair                      d. horizon                      4.\_\_\_\_\_

4. c

**5. despite the fact that**

a. a lot of                      b. although                      c. whether                      d. nowadays                      5.\_\_\_\_\_

5. b

**6. one who works secretly for the government or other organization**

a. insight                      b. pool                      c. prison                      d. agent                      6.\_\_\_\_\_

6. d

# Word Engine



**Do results matter?**



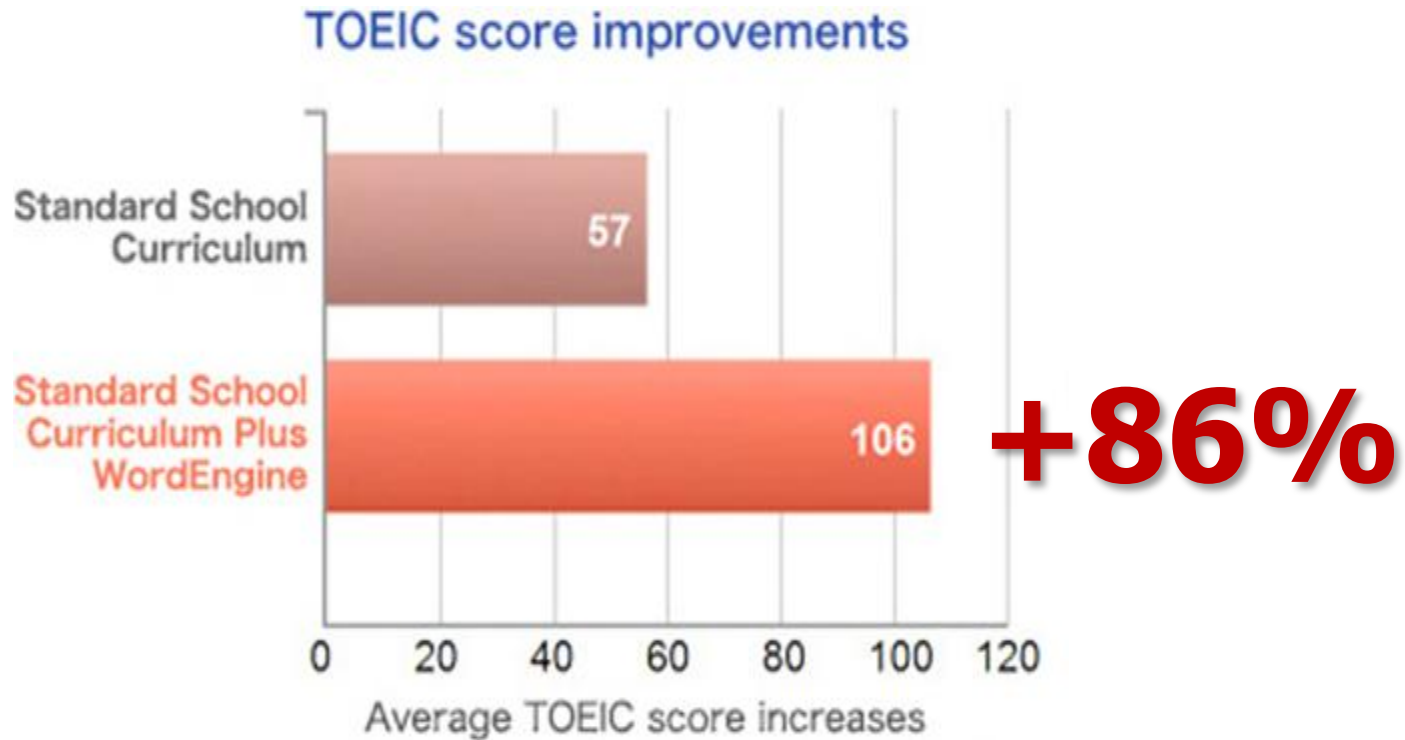
# YES!

**Results matter, and especially when  
they can be seen and measured!**



# Word Engine

## Average TOEIC Results

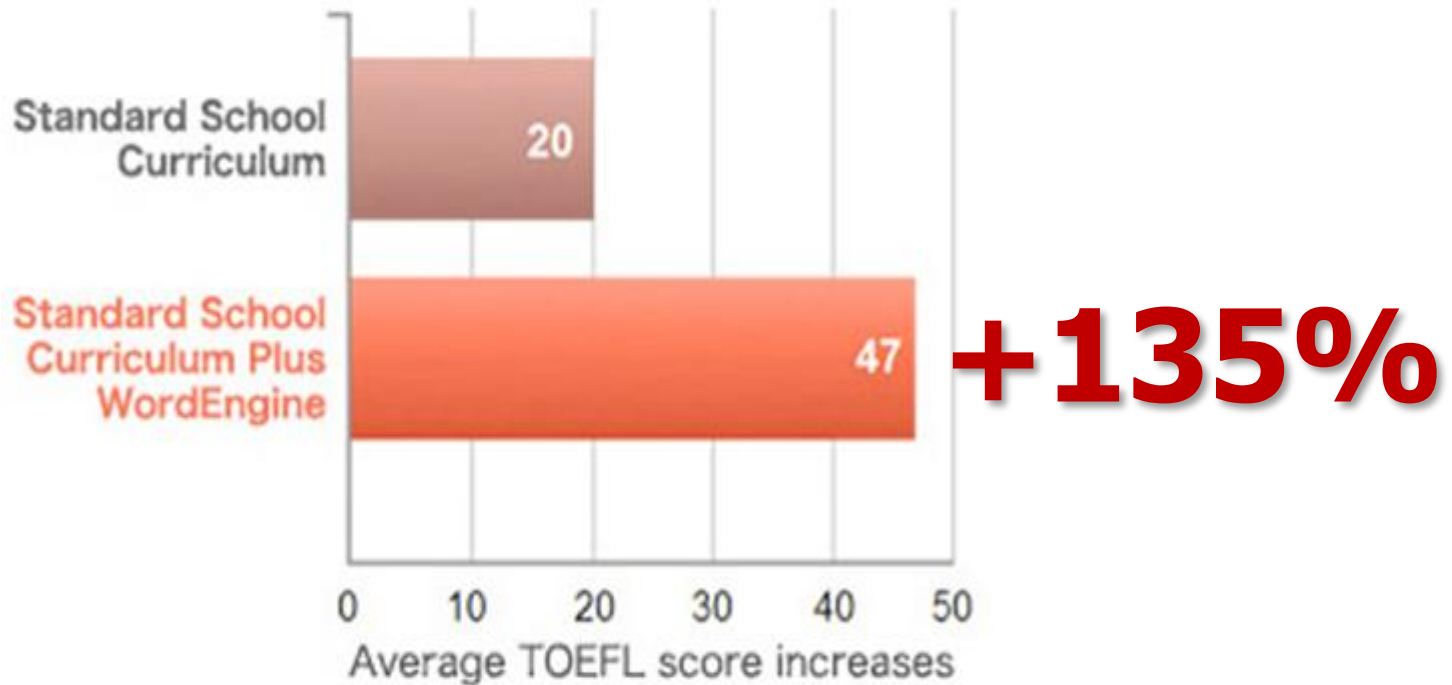


Data Source : Nagoya University of Commerce and Business  
University of Nigata Prefecture

# Word Engine

## Average TOEFL Results

### TOEFL pbt score improvements



Source : Dr. David Coulson,  
University of Nigata Prefecture

# Word Engine



**Why do test scores go up?**

# Word Engine

**Scores go up because WordEngine teaches the words that occur most often on the tests.**

**Scores go up because students process all English words faster after exercising their brain for fast English word recognition with WordEngine.**



# Word Engine

**When improved outcomes are important, professionals trust WordEngine to get results!**



# WordEngine™

ワードエンジン

High Speed Vocabulary Learning System

Learn more than ~~100~~ 149  
new words per day!

**High performance and low cost!**

**¥857 per semester**

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