

How are scores for individual words calculated?

For each word, the Vocab Trainer displays a score between 0 and 10, indicating how well the student knows the word. A score of 0 means the student has not yet seen the word.

Each time a student answers a question about a particular word correctly, the word's score goes up one, and each time s/he answers incorrectly, the word's score goes down one.

4	dormiō	I sleep
2	ego	I

A student could (theoretically) answer questions on an individual word correctly 50% of the time and incorrectly 50% of the time, and their score for that word would not change. A student's score for a word, therefore, does not necessarily directly correlate with the number of times he/she has seen it.

There are three ways in which the Trainer exercises the Latin words to improve students' competence with the vocabulary.

- 1) **Flash card:** the first time that a student sees a new Latin word it is shown as a flash card along with the English meaning(s). Just viewing the flash card scores a point and raises the word score from 0 to 1. Once seen, a word can never drop to 0 again, even if the student continually fails to recognize the word.
- 2) **Multiple-choice question:** a Latin word is shown, and three options are shown for its meaning. If the student picks the correct meaning the Latin word's score goes up one. Picking an incorrect meaning takes the word's score down one, with the proviso that it cannot fall below 1.
- 3) **Type-in question:** a Latin word is shown, and the student types in an English meaning. In the same way as for multiple-choice questions, the level for the Latin word goes up or down, but never drops below 1 or rises above 10.

Note

The Trainer also records how recently each word has been seen by the student. Words seen less recently are prioritized for inclusion in questions, to ensure that all words appear in questions over time.

How are chapter scores calculated?

There are 20 words in each chapter. The maximum score for each word is 10. Therefore, the maximum score for any individual chapter is 200 (20 words each scoring 10 points).

The percentage score for the chapter is calculated by adding up all the scores for the words in the chapter, and dividing by 2 (to give a number out of 100, i.e. a percentage).

Chapter 5		18%
3	aqua, aquam, f.	water
3	audiō, audīre	hear, listen to
2	cupiō, cupere	want, desire
1	custōs, custōdem, m.f.	guard
2	dēbeō, dēbēre	owe
1	dō, dare	give
2	effugiō, effugere	escape
2	iuvenis, iuvenem, m.f.	young person
1	maneō, manēre	remain, stay
1	nēmō, nēminem, m.f.	no one, nobody
1	nōlō	don't want, refuse
1	nox, noctem, f.	night
4	portō, portāre	carry, bear, take
2	possum	can, am able
2	pulcher	beautiful, handsome
1	respondeō, respondēre	reply
1	taceō, tacēre	am silent, am quiet
2	timeō, timēre	fear, am afraid
1	vēndō, vēndere	sell
2	volō	want, wish, am willing

In the example shown above, the individual scores for each of the 20 words total 35 (out of a possible 200), giving a percentage of 17.5% (which is then rounded up to 18%).

(The UK edition allows filtering for exam boards from Chapter 17 onwards. If filtering is employed, the percentage score for the chapter is calculated appropriately based on the remaining words.)

Note

To score 100% for an individual chapter, students must see all 20 words at least 10 times, so a minimum of 200 word views is required (assuming the student gets each word right every time). In practice, students may need many more than 200 word views to score 100% for a chapter.

How is the student's overall score calculated?

The Vocab Trainer displays an overall score for each student. This score is the mean (average) of a selected number of chapters. Teachers can limit the number of chapters on which the score is based by using the drop-down menu at the top of the results page.

In the example below, the teacher has chosen to have the overall score calculated up to Chapter 4. For Kamini Bagley, for example, the score of 49% is the mean of the Chapter 1 to 4 scores (95, 52, 33, and 16).

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Total scores up to chapter 4 ▾

Progress by chapter: select a row to see more details.
Click the column headers to sort the table up and down.

first	last	last session	score	duration	seen	correct	1	2	3	4
Kamini	Bagley	Tue, 19 Apr 22, 10:51 AM	49%	1:28	1328	637	95	52	33	16
James	Bailey	-	-	-	-	-	-	-	-	-
Joy	Berg	Thu, 4 Aug 22, 03:39 PM	91%	1:01	1299	861	100	92	92	82
Ruth	Christison	Tue, 19 Apr 22, 10:51 AM	83%	1:41	1217	885	94	93	87	58

We would advise teachers to update the chapter on which the overall scores are calculated as students progress through the course. As the teacher changes the selected chapter in the drop-down menu, so the students' scores will change.

Similarly, when students choose the chapter to work on, their chapter average score is calculated accordingly. As a result, their chapter average scores may vary as they progress through the course.

Setup Train Results Help 0/0

Will Griffiths

Current chapter	4
Chapter average	28%
Session start	1 Nov 22, 10:10 PM
Total sessions	32
Total time	2 hours 5 minutes
Total words seen	502
Total words correct	479
Chapter 1	52%
Chapter 2	25%
Chapter 3	22%
Chapter 4	14%

What is changing?

We are changing the way that chapters with a score of 0% are handled when calculating a student's overall score.

Previously the overall score ignored chapters where the score was 0%. (It was calculated from the scores for all chapters up to the selected chapter divided by the number of chapters with non-zero scores.)

Henceforward the overall score will be calculated by including chapters with a 0% score.

For instance, if a student is training on Chapter 5, and has these percentage scores for chapters 1-5:

20, 0, 50, 0, 80,

then the old calculation (ignoring zero chapters) would give an overall score of $150 / 3 = 50\%$.

The new calculation (including zero chapters) will report the overall score as $150 / 5 = 30\%$.

This is not an issue that affects many students, as most students work on the Vocab Trainer chapter by chapter from the beginning of the course. But some students choose to focus on the words for a particular chapter, possibly for a test, skipping over one or more chapters. The skipped chapters will have a score of 0%, but from now on they will be taken into account for the overall percentage.