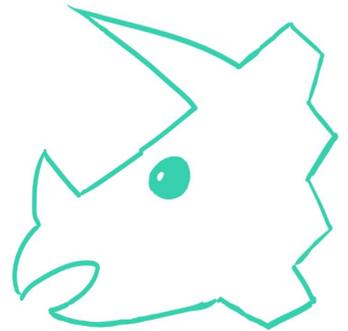
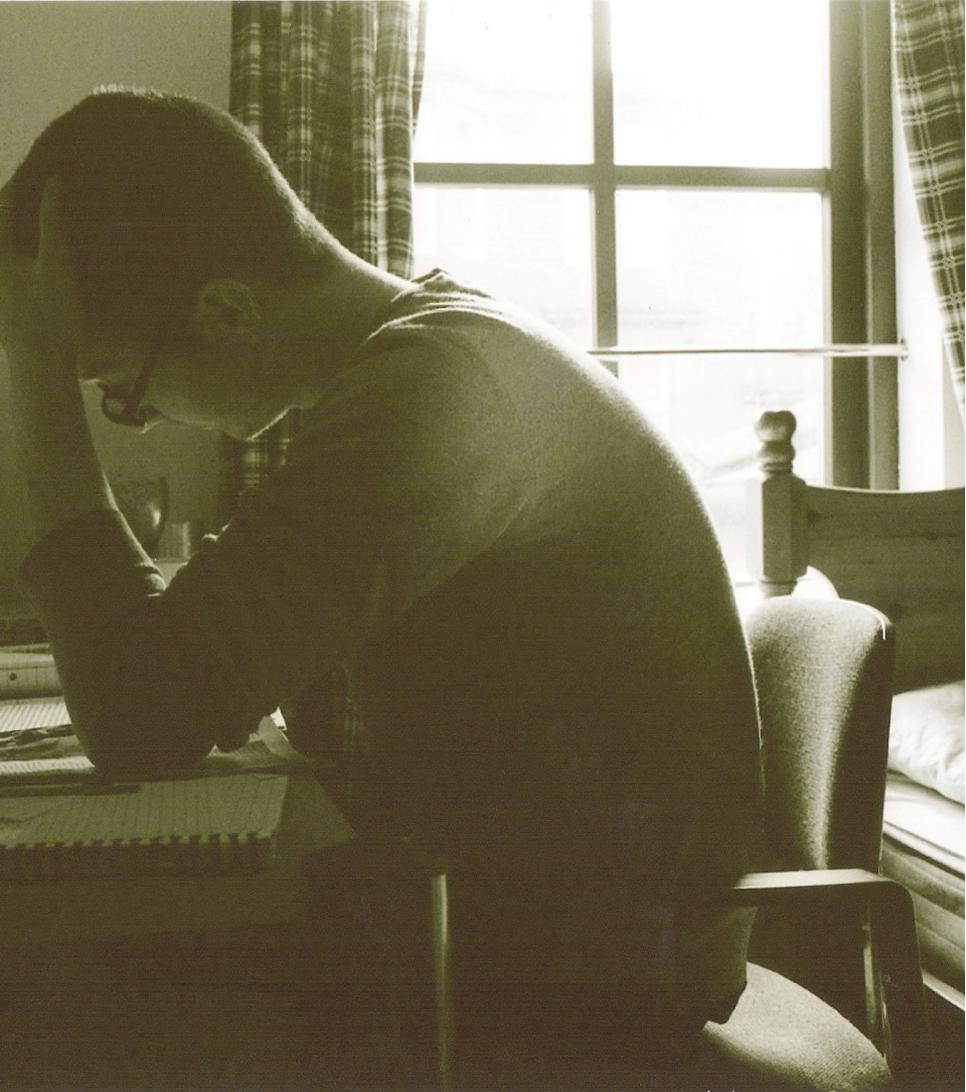


# VERBIVORE

vocabulary application  
powered by learners





## Remember Dae-su?

Hard-working student

He has made hundreds of flashcards,  
but finds that work tedious.

# Main Tasks

- Studying flashcards with words, their definitions, and examples of their use.
- Giving questions and work that demand understanding of the word to complete. This means you learn better.
- Translate output of work to improvements of the card in question.

# Study vocab with Verbivore

A new vocabulary learning experience

First, you have to create a user account and login to get started.

As you study each card, there will be a microtask to practice what you just learned. If a feature of the card is unsatisfactory, you can flag it anytime.

Work through some sets and see what you think! Remember that the microtasks are the main benefits of studying with Verbivore. It will help you understand the word much better than just reading it.

You are helping a big community of learners out there. So, thank you! :)

**GET STARTED**

You are going to study these words

embark    silt    abhor    licentiate    alloy

ungainly    herbivore    dilemma

miscellaneous    redress

**START STUDYING**

Microtask Frequency:

**Always**     **Sometimes**

# embark

▶ ▶ verb

*commence; go on board a boat; begin a journey*

High-performing enterprises seldom embark on a course of action without first evaluating all of the potential costs and benefits it might yield. 

She went to embark on an adventure of a lifetime. 

Both countries have embarked on serious reform. 

GOT IT ✓

*commence; go on board a boat; begin a journey*

High-performing enterprises seldom embark on a course of action without first evaluating all of the potential costs and benefits it might yield. 

She went to embark on an adventure of a lifetime. 

Both countries have embarked on serious reform. 

What is wrong with this sentence? 

USAGE

GRAMMAR

UNCLEAR

CANCEL

*commence; go on board a boat; begin a journey*

High-performing enterprises seldom embark on a course of action without first evaluating all of the potential costs and benefits it might yield. 

 She went to embark on an adventure of a lifetime. 

Both countries have embarked on serious reform.

Which sentence did you like the best?

Please choose above.

SUBMIT

SKIP

# cubicle

▶ ▶ noun

*small chamber used for sleeping or work*

Ian Walker, prosecuting, said a store detective spotted Melia going into a cubicle to try the jeans on.



The girl came in smiling, transmitting an aura of brightness into the cluttered cubicle of the room.



Bowman glanced back only once at Whitehead, as he fought his way out of the cubicle.



GOT IT ✓

Bowman glanced back only once at Whitehead, as he fought his way out of the cubicle.



To practice the usage of this word, write a new sentence using "cubicle"

New Example sentence

SUBMIT

SKIP

NEED HELP?

at Whitehead, as he fought his way out of the cubicle.



To practice the usage of this word, write a new sentence using "cubicle"

He left finance, because he realized that his current path was going to put him in a cubicle for the rest of his life. A fate worse than death.

SUBMIT

SKIP

HIDE HELP

**Tip:** A good example sentence will expose the meaning of the vocabulary word through its context. Ideally, you should be able to get an idea of what it means just by the sentence:

"He tried to go incognito but his bizarre disguise made him stand out even more."

Here, the word "incognito" (not being visible or known) is explained by mentioning its opposite result.

decorate

▶ ▶ verb

*proper (in behavior, conduct, or appearance)*

The long, low church is decorated by paintings all over the exterior and interior walls, openings and window frames. 

They've just finished decorating the kitchen. 

Tom had decorated his room with a series of photos of Naples. 

GOT IT ✓

*proper (in behavior, conduct, or appearance)*

The long, low church is decorated by paintings all over the exterior and interior walls, openings and window frames. 

They've just finished decorating the kitchen. 

Tom had decorated his room with a series of photos of Naples. 

Someone flagged the following sentence as **wrong usage**.

Improve the sentence for other learners.

We spent all weekend decorating.

SUBMIT

SKIP

*proper (in behavior, conduct, or appearance)*

The long, low church is decorated by paintings all over the exterior and interior walls, openings and window frames. 

They've just finished decorating the kitchen. 

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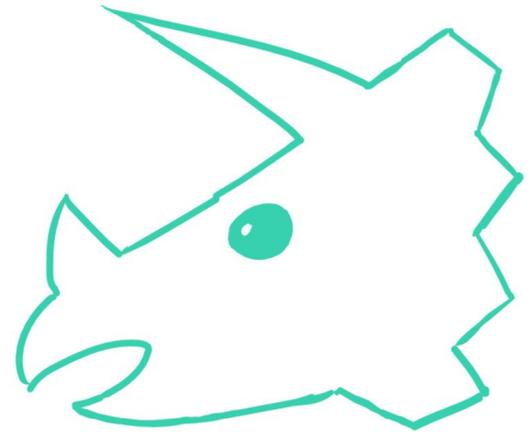
We spent all weekend decorating the room for the new baby|

SUBMIT

SKIP

# What is our solution?

- Similar to duolingo and memrise in core functionality
- You study cards with vocab information in small sessions
- You do work related to the words
- The output of this semi-mandatory work improves the cards



VERBIVORE



# The whole point

As time goes on, the cards' quality incrementally increases.

The work that our users do helps them learn more effectively.

# Design Factors

- Motivation
  - Intrinsic: Desire to learn
- Aggregation
  - Individual creation and iterative improvement
  - Weighted sampling of features based on upvotes
- Quality control
  - Automatic verification of user input
  - Features are hidden when they receive enough flags

Deployment: Heroku

Publicization  
Facebook and personal invitations

Internal analytics

Google Analytics

Post-test survey

Analysis

# Results of 48 hours deployment

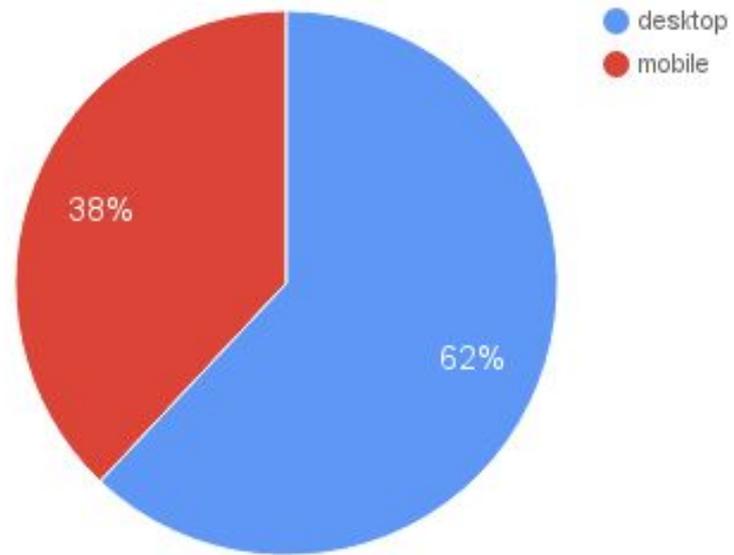
|                         |                 |            |
|-------------------------|-----------------|------------|
| users                   | 40              |            |
| study sessions          | total           | 48         |
|                         | partly finished | 31 (64.6%) |
|                         | completed       | 19 (39.6%) |
| median session duration | 9:35            |            |
| cards viewed            | 232             |            |
| sentences               | votes           | 125        |
|                         | flags           | 24         |
|                         | improved        | 5          |
|                         | created         | 34         |
| survey responses        | 23              |            |

# Visitors

| Country <sup>?</sup>                                                                                                | Acquisition                                |                                                  |                                          |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|------------------------------------------|
|                                                                                                                     | Sessions <sup>?</sup> ↓                    | % New Sessions <sup>?</sup>                      | New Users <sup>?</sup>                   |
|                                                                                                                     | <b>137</b><br>% of Total:<br>100.00% (137) | <b>67.88%</b><br>Avg for View:<br>67.88% (0.00%) | <b>93</b><br>% of Total:<br>100.00% (93) |
| 1.  <a href="#">South Korea</a>    | <b>86</b> (62.77%)                         | 58.14%                                           | 50 (53.76%)                              |
| 2.  <a href="#">United States</a>  | <b>19</b> (13.87%)                         | 94.74%                                           | 18 (19.35%)                              |
| 3.  <a href="#">Denmark</a>        | <b>10</b> (7.30%)                          | 90.00%                                           | 9 (9.68%)                                |
| 4.  <a href="#">Germany</a>        | <b>7</b> (5.11%)                           | 57.14%                                           | 4 (4.30%)                                |
| 5.  <a href="#">Russia</a>         | <b>4</b> (2.92%)                           | 50.00%                                           | 2 (2.15%)                                |
| 6.  <a href="#">Ireland</a>        | <b>3</b> (2.19%)                           | 100.00%                                          | 3 (3.23%)                                |
| 7.  <a href="#">United Kingdom</a> | <b>2</b> (1.46%)                           | 50.00%                                           | 1 (1.08%)                                |
| 8.  <a href="#">Mexico</a>         | <b>2</b> (1.46%)                           | 100.00%                                          | 2 (2.15%)                                |
| 9.  <a href="#">Australia</a>     | <b>1</b> (0.73%)                           | 100.00%                                          | 1 (1.08%)                                |
| 10.  <a href="#">Japan</a>       | <b>1</b> (0.73%)                           | 100.00%                                          | 1 (1.08%)                                |

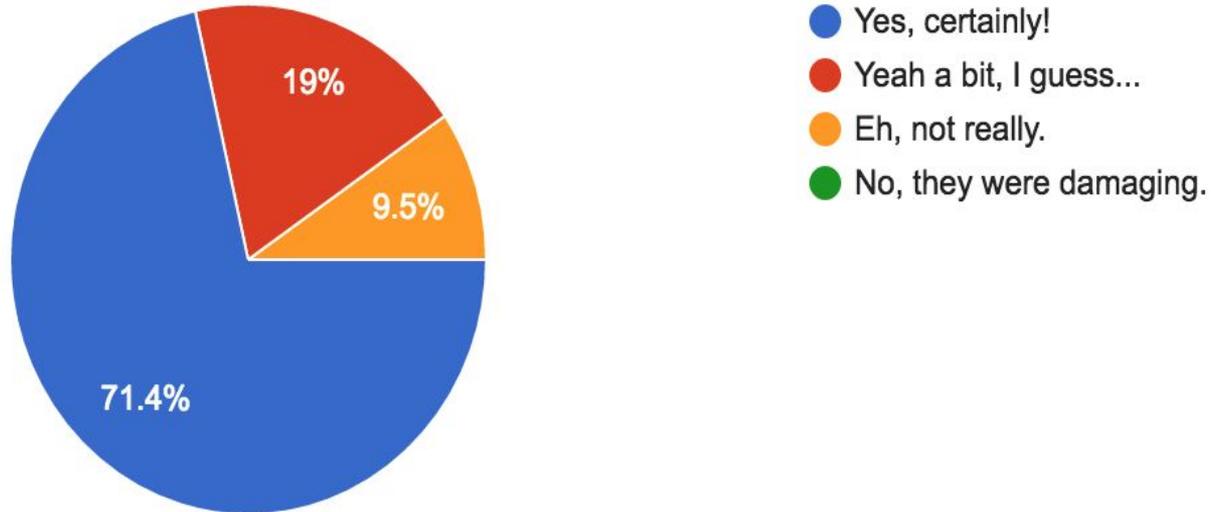
# Visitors

Devices used



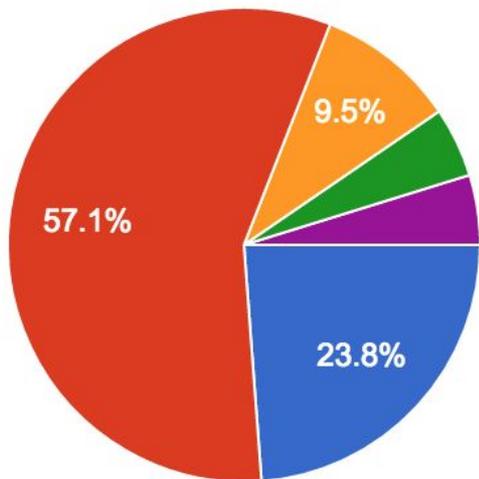
Do you feel that the microtasks (the work we ask you to do when you finish a card) helped you learn the words?

(21 responses)



In principle, do you think having people work together is a good way to generate the cards? (in the ideal version, users can also add and vote on pictures and pronunciation sound clips)

(21 responses)



- Yes, it's great! It makes people feel involved and yields high quality cards.
- **No, I think having learners make the content is a bad idea. Someone qualified should do it instead.**
- It's not much of a difference one way or the other.
- Yes, but for another reason (you can specify at the end of the survey if yo...)
- No, but for another reason (you can specify at the end of the survey if yo...)

**Limitations,  
implications,  
possible  
improvements**

No reassurance on quality of materials

No quiz feature

Insufficient guidelines

No feedback on user inputs

**Limitations,  
implications,  
possible  
improvements**

“I think the idea is great, learning vocab with user-generated examples.”

“Given a word, you can come up with a funny sentence, and you get to read people's funny sentence. Humor enhances learning.”

**⇒ Potential to enhance the learning experience in terms of effectiveness and enjoyment**

**Limitations,  
implications,  
possible  
improvements**

Filter out similar sentences

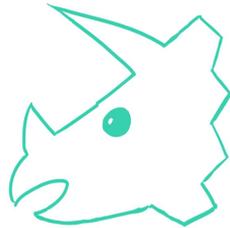
Other content types

“My Contributions” and “My Progress”

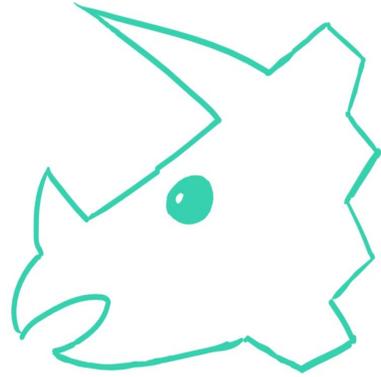
# Conclusion

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Too many limitations to conclude anything definitively yet.  
Many users liked the idea of learnersourcing vocabulary flashcards :)



VERBIVORE



Q&A