

wordplay

word.play | \ 'wərd-,plā

1. *def. playful use of words: verbal wit*
2. *a game to test and improve your vocabulary*

Let' s start

elevator pitch

Wordplay is the word-game that tests your vocabulary, not luck.

Players will guess randomly generated words with clues that are generated from the Thesaurus entry of the words, including definitions, synonyms, and first and last letters. The round ends when the word is correctly guessed or clues/guesses run out.

The guessed words are stored in a word bank so players can always go back and see the words they've learnt. The score bar will show the ratio of wins to losses.

Can you guess the word with the least number of guesses?

A**B**

concept

C

DESCRIPTION

wordplay is a word guess game with limited hints and guesses. Random words are generated based on the **Merriam-Webster Thesaurus API** and **API-ninjas random word API**. Gameplay words are limited to between 5-7 characters long, and with a sufficient thesaurus entry. Played words and scores are saved to the players unique wordbank using local storage.

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MOTIVATION

Word games typically revolve around guessing a mystery word which can easily fall into the hands of luck. We wanted to create a game that tested knowledge of the English language while also teaching new words and improving vocabulary in a fun and interactive way.

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USER STORY

As a user,
I want to play a game
So that I can test and improve my vocabulary.

process



Technologies

1. **Coding languages**
HTML/CSS/JavaScript
2. **Third-Party-APIs**
Google fonts/Bootstrap/jQuery/Bulma
3. **Server-Side-APIs**
Merriam-Webster Thesaurus API
API-ninjas Random Word API

Breakdown of Tasks & Roles

Amy : CSS/wordbank modal/game win or loss function

Sash: Handle Words generator & clues function/rules page

Kaye: HTML/handle word guess function/Google slides/Readme file



Challenges

API
GitHub Issues
Compiling Code



Successes

Communication
Applying Class Knowledge
Collaboration & Problem-solving
Game evolution
Delivering a finished product



word

**Game
Play !**

<https://amywilford.github.io/Word-Play/>

future Development

Options to choose different difficult levels

Options to pick specific word category

Use MW filter to exclude offensive words

Sort word bank words - alphabetically

Giphy animation with correct answer

Color word bank words for right/wrong

links

<https://github.com/AmyWilford/Word-Play>

<https://amywilford.github.io/Word-Play/>