

VARpedia

USER GUIDE

AUTHORS
BENJAMIN PIPER AND DONG-MEI LIM

GETTING STARTED

Welcome to VARpedia! This program will allow your child to create videos with sounds and pictures from a word on Wikipedia and help them learn the word through a simple matching game.

Running the program

Hi parents! Please make sure you're running this program in Linux and that you have wikit and festival installed. It won't work without them!

Visit these websites for more information:

<https://www.npmjs.com/package/wikit>

<http://festvox.org/festival/>

You may want to put VARpedia.jar inside its own folder because it will generate its own folders when it is running.

Open the folder containing VARpedia.jar . Right click in the folder and select Open Terminal Here to open the command terminal. Then type in "java -jar VARpedia.jar" (without speech marks) and press enter to start the program.

WALKTHROUGH

Main Menu

You'll know you've run the program correctly when you can see this screen.

You can press the ? button in the top right corner at any time if you don't know what to do!



Create:

This button will let you create a new video. See Create for more information.

Videos:

This lets you watch videos you've already created. See Videos for more information.

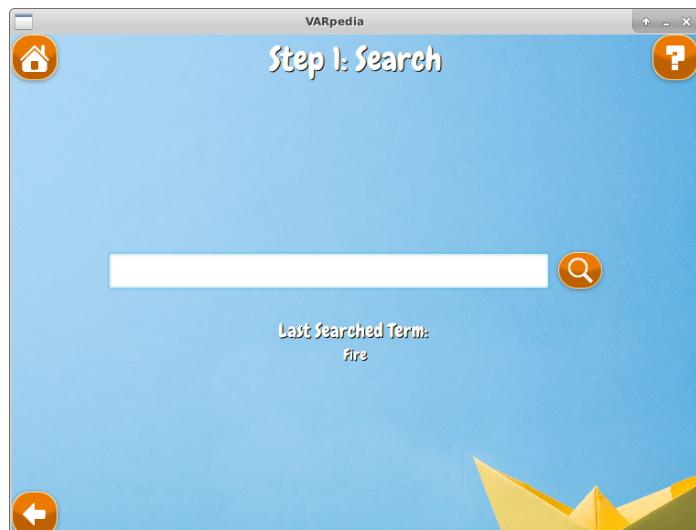
Quiz:

This takes you to a game to help you review your videos. See Quiz for more information.

Create

You probably won't have any videos when you first start VARpedia. Let's make one first by clicking Create!

You will be taken to this screen:

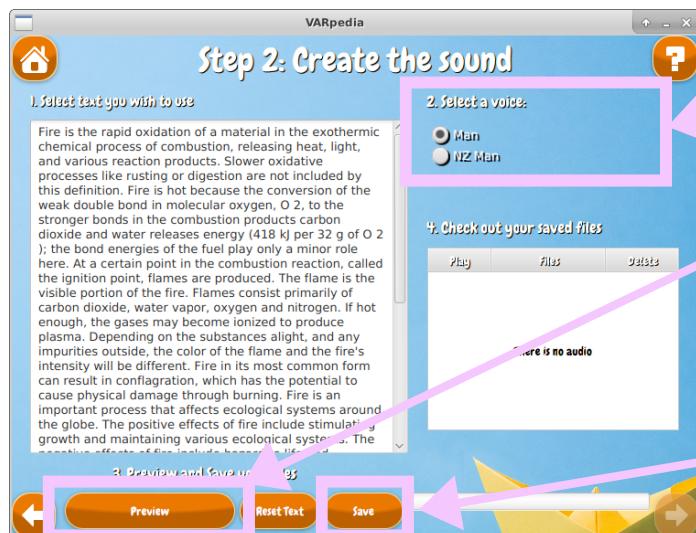


First, let's search a word on Wikipedia. Type in a word that you would like to learn more about (like 'dogs') then hit enter or click the button.



Now time to create some sound!

1. Highlight some text you want to be said in the video. You can edit this text yourself if you want to. Click Reset Text if you make a mistake when editing and want to reset it.

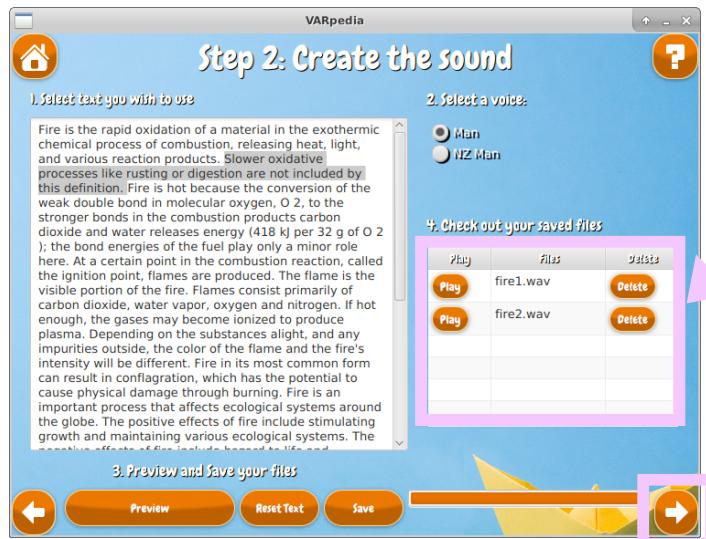


2. Select the voice you wish to use

3. (Optional)

Preview how the audio sounds

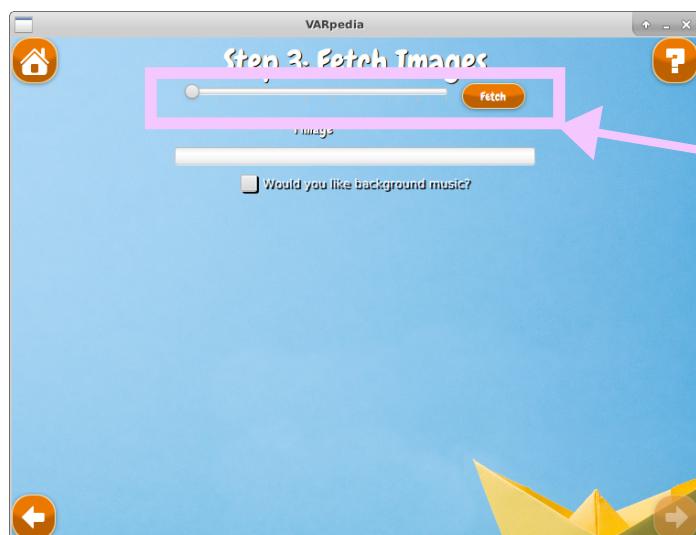
4. Save the audio if you want it in your video



5. (Optional)

Play your saved audio files and delete them if you don't want them in your video anymore.

6. Repeat steps 1-5 or click next when you're done.

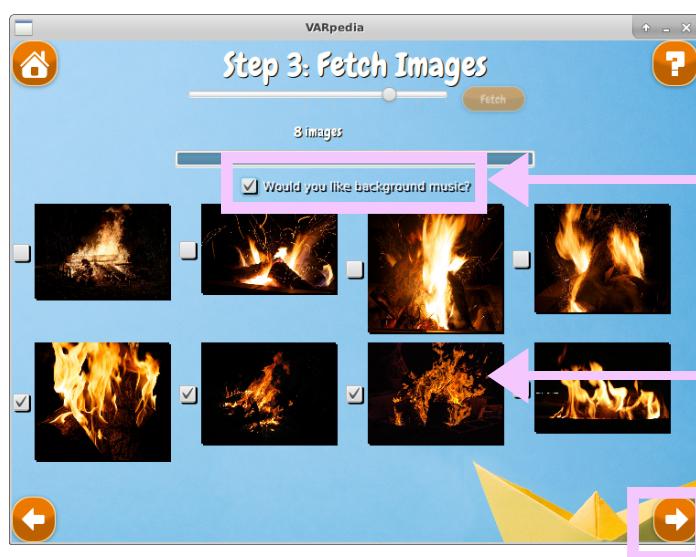


Get some images!

Drag the slider and click Fetch to choose how many images will appear.

You can select 10 images to have a wide range of choice or only 1 if you are in a hurry.

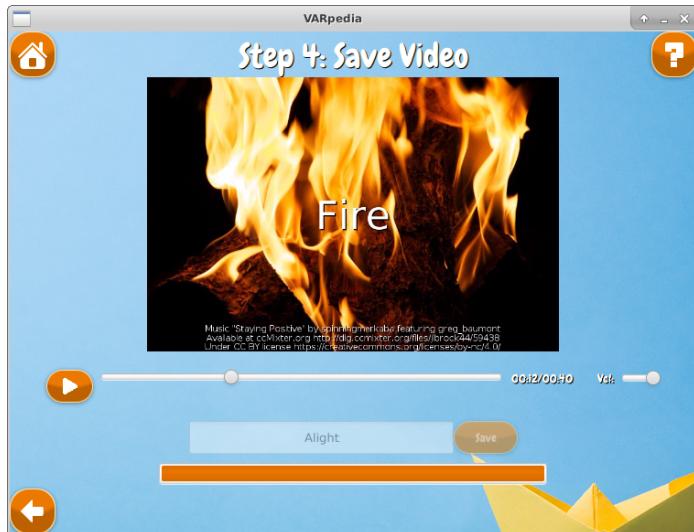
Let's select 8 and wait while VARpedia grabs them for us.



You can tick background music for some beats to listen to in the video.

Click these images to include them in the video.

Click next when you're done with your images



Look at the video you just made! Watch it here to see if you're happy with it.

If you're happy with the video then enter a name and click save, or you can go back and make some changes to the video. You can go back to the menu after it has been saved.

Now that you know how to make a video, go ahead and make another one so you can unlock the Quiz!

Videos

Click Videos to see videos you've already created!



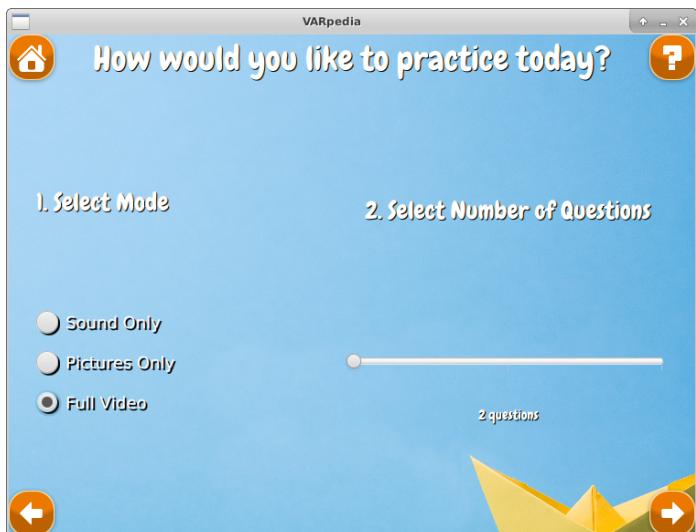
Click Play to watch a video.

Click Delete to delete a video.

Sort the videos by name or date modified

Quiz

When you have two or more videos, you'll be able to play the quiz to practice what you've learned. Click Quiz to start!



There are three game modes to choose from:

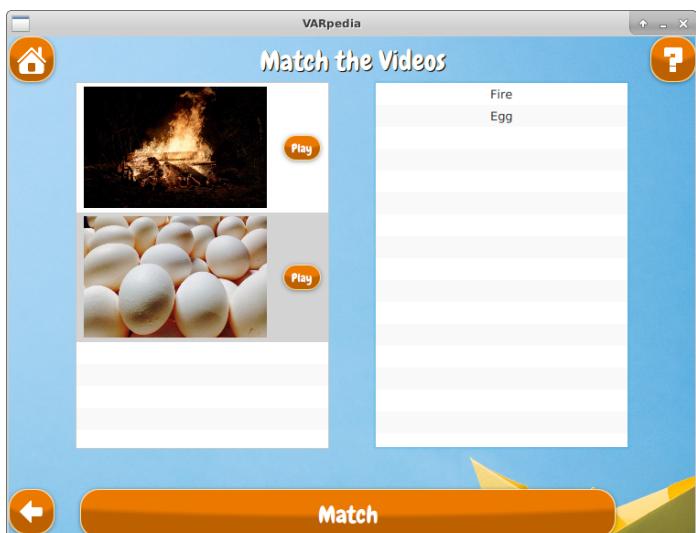
Sound Only: match sounds to words.

Pictures Only: match images to words.

Full Video: match videos to words.

Drag the slider to choose how many questions you get in the quiz. The maximum number of questions you can have depends on how many videos you have made.

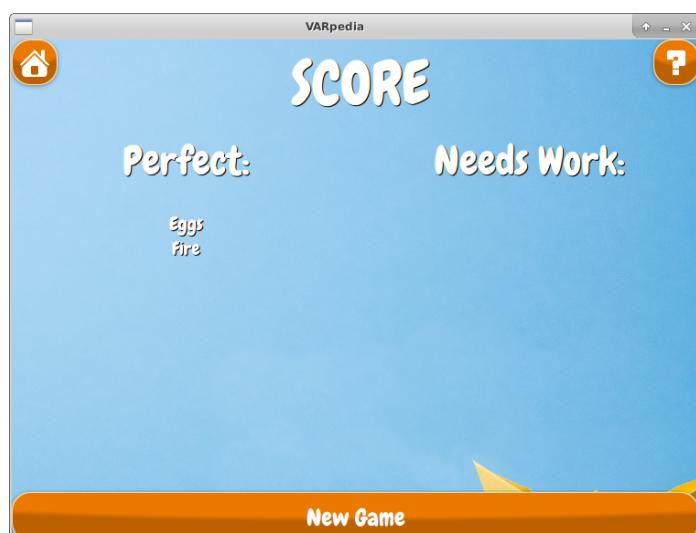
Let's choose Full Video for now and click next!



Try to match the video to the matching word!

First click the play button next to a video to watch it. Then click on the video, and click on the word you think is matching. Then click match!

If you're correct, the video and word will disappear. Keep going until you get all the words right!



Wow, wasn't that easy? I bet it will be harder if you make more videos!

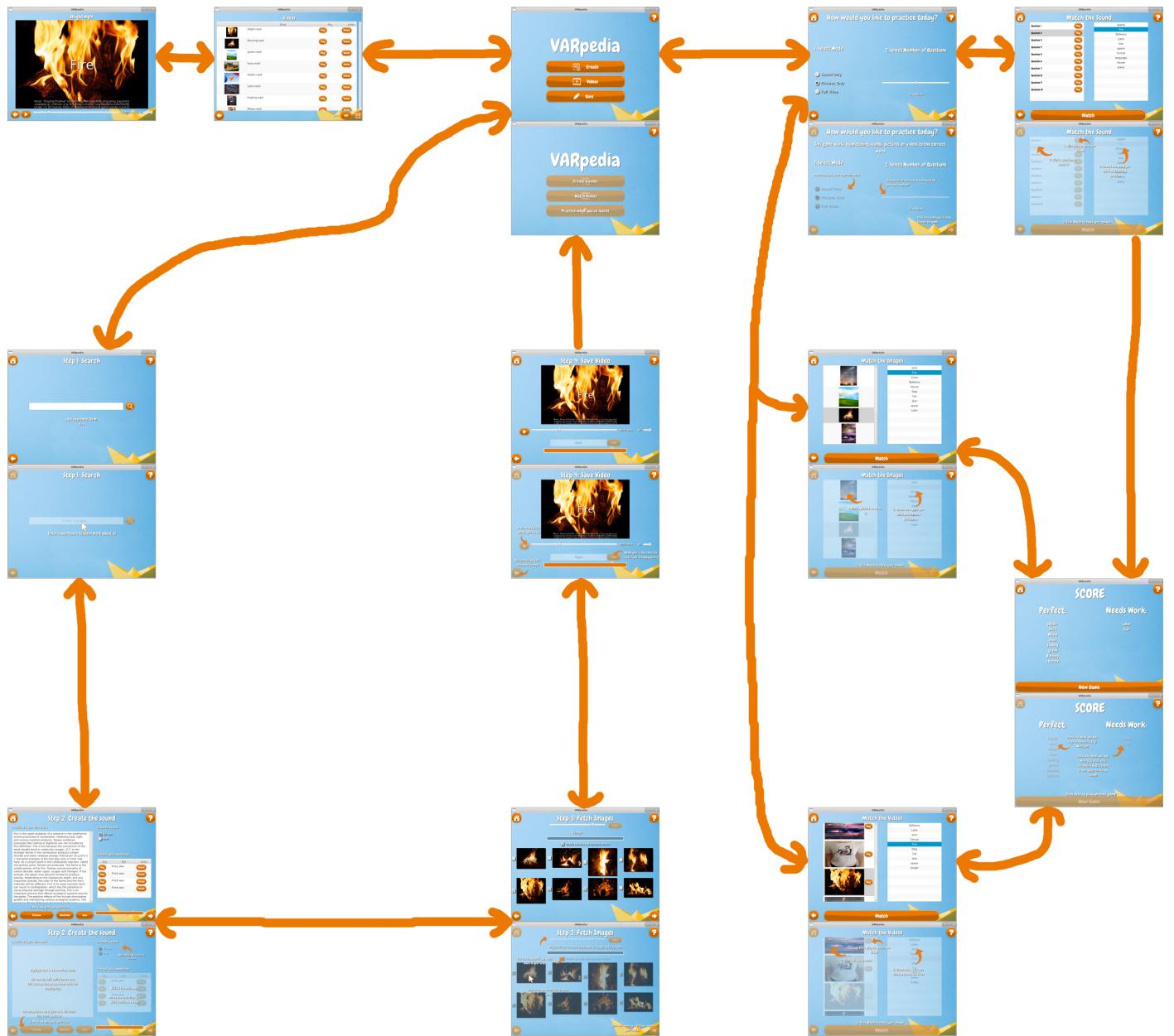
The videos under Perfect and the ones you got right on the first try. Good job!

The videos under Needs Work are the ones you got wrong at least once. You should watch those videos again to learn them better!

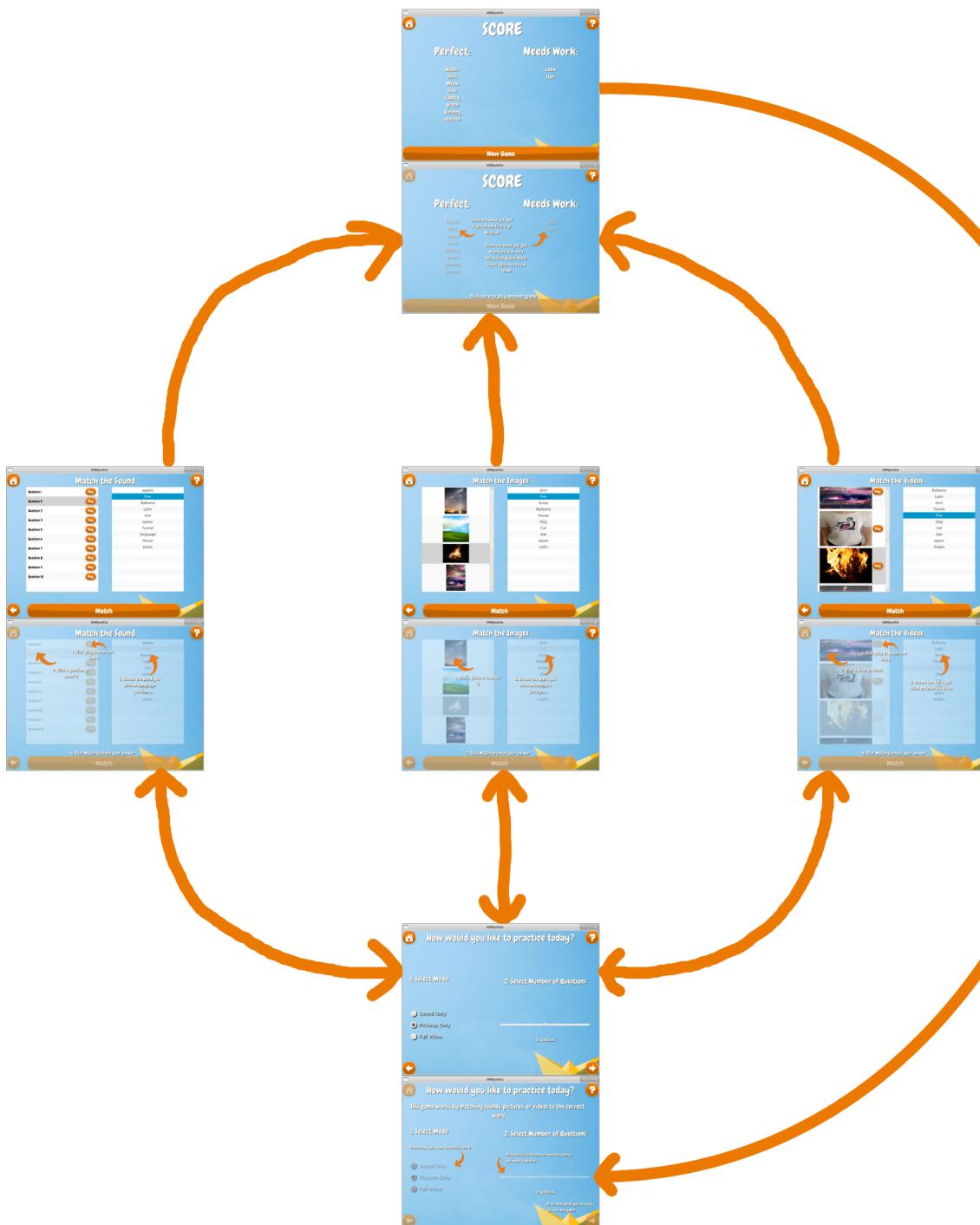
Click New Game to play again.

APPENDIX

Navigation



The Quiz



The Creation Cycle

