

# ICT and Educational Apps for Enhancing Language Teaching and Learning

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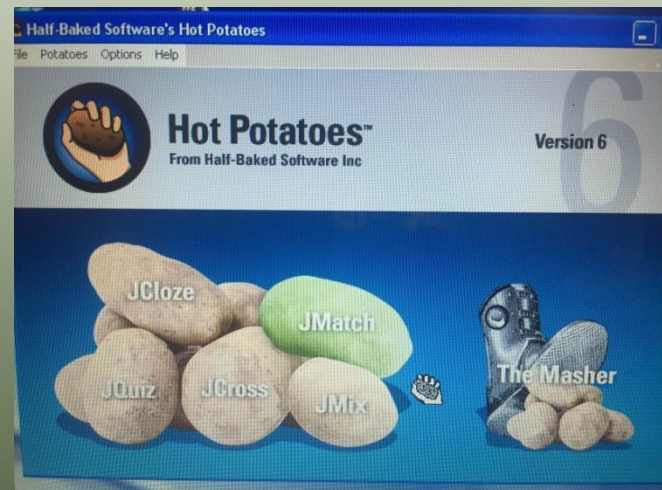
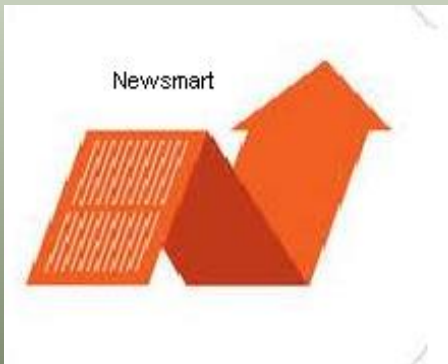


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Yerevan State University***

# Immediate Impact of Technological Devices on Educational Process



# Types of Educational Apps



Learn with the latest  
business news

# UNLOCK

- assists learners to improve their academic skills
- improves listening and speaking skills
- provides a wide variety of texts ranging from elementary to advanced levels
- provides an option to choose between American and British English
- offers a wide list of course-books
- develops students' critical thinking and team-work skills

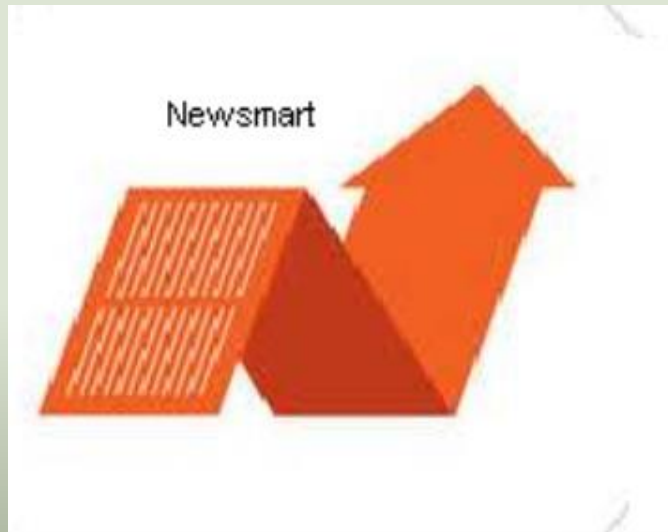


CAMBRIDGE

Discovery  
EDUCATION



# Newsmart



Learn with the latest  
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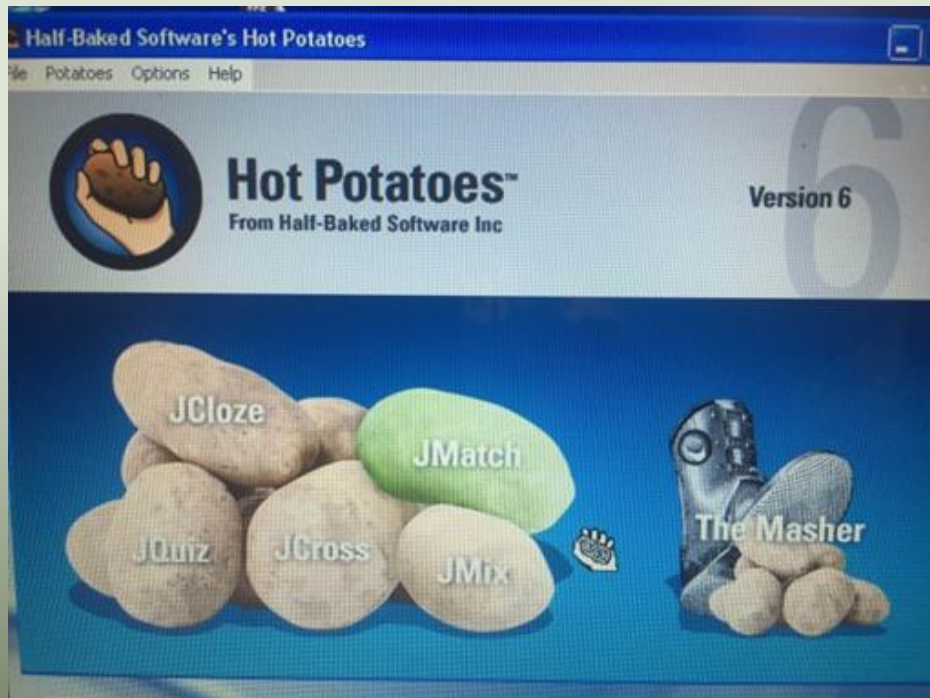
- uses daily up-to-date content from the Wall Street Journal
- course intended for particularly interested in business English
- develops reading and listening skills
- focuses on thematic vocabulary development
- makes mastering business English engaging and fun
- offers user-friendly text and video format

# TEDEd



- represents a world leading educational platform
- introduces intriguing and motivating ready -to -use lessons
- displays easily customizable growing library of original animated videos
- provides an international platform for interactive lessons
- covers a wide range of topics in various fields of specializations

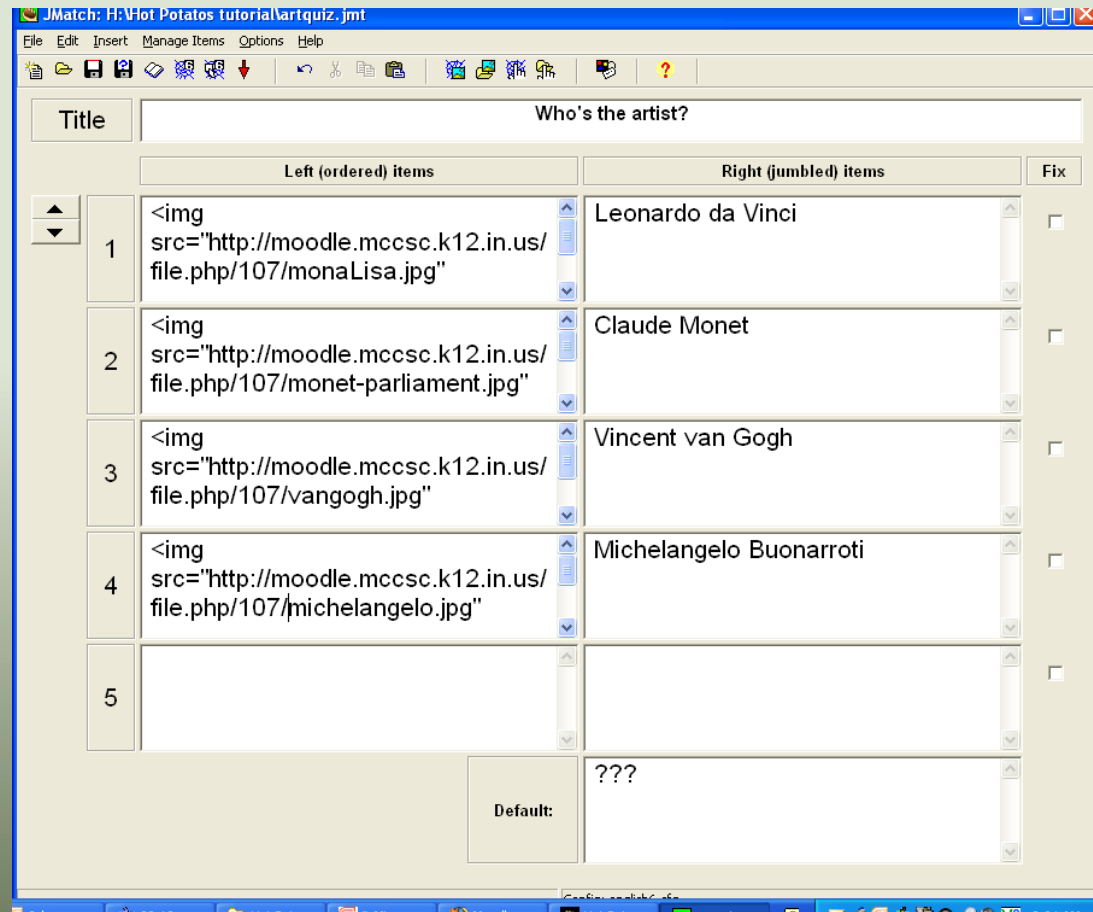
# Hot Potatoes



- **JCloze**- creates gap-filling exercises
- **JQuiz**- creates multiple choice or short answer exercises
- **JCross**- creates cross-word puzzles
- **JMatch**- generates ordering and matching exercises
- **JMix**- creates jumbled-sentence exercises

# Example: Creating a JMatch Art quiz

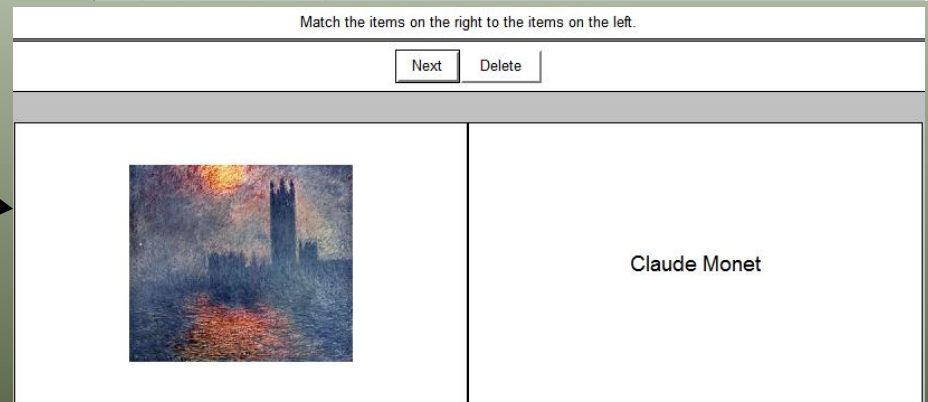
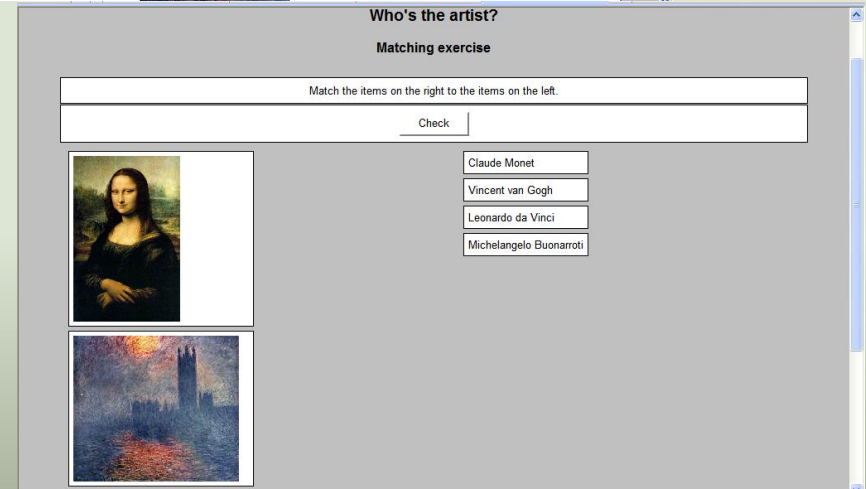
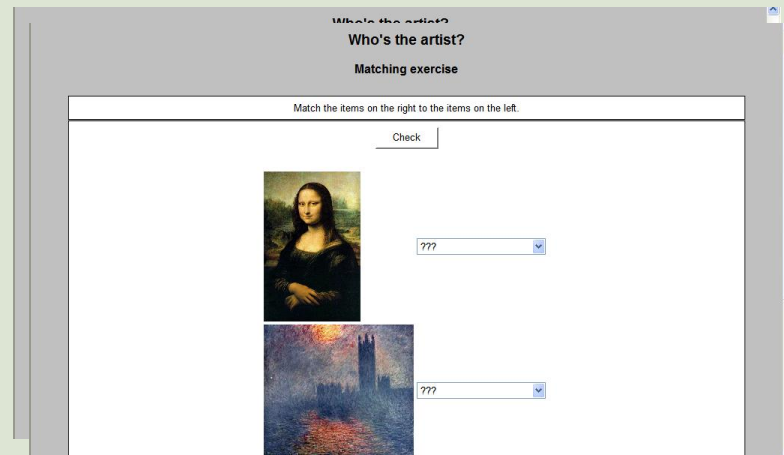
- In the main space add your vocabulary words (or pictures) on the right and the answer you want it to match with on the left
- When the quiz is published it will automatically jumble the right hand items





# JMatch

- Create a matching response test
- With Hot Potatoes the students are able to either
  - select the answer from a drop down menu
  - use the mouse to drag the answer over to the vocabulary word or image.
  - or you can make this into a flash card option



# Example: Making a JQuiz for History

- Multiple choice
  - enter your question in the space next to the “Q”. You can insert images into this space as well
  - then, enter the answer choices and check the box next to the correct answer
  - if you want you can enter in specific feedback for each response (this is optional)

The screenshot shows the JQuiz software interface. The window title is "JQuiz: [Untitled]". The menu bar includes "File", "Edit", "Insert", "Manage Questions", "Options", and "Help". The toolbar contains various icons for file operations and editing. The main interface is divided into several sections:

- Title:** "American Civil War Quiz"
- Q1:** "What year did the civil war begin?"
- Multiple-choice:** A dropdown menu set to "Multiple-choice".
- Answers:** A list of four options: A (1905), B (1865), C (1861), and D (1961). Each option has a small up/down arrow next to it.
- Feedback:** A column of four empty text boxes for providing feedback for each answer choice.
- Settings:** A column of four checkboxes, each labeled "Correct". The checkbox for option C is checked.

At the bottom right of the window, it says "Config: english6.cfg".

# JQuiz

- Create different types of questions
  - Multiple choice
  - Short Answer
  - Hybrid
  - Multi select
- The hybrid is a unique option where students are able to type in a response and then after a certain number of attempts, the question will transform into a multiple choice question. (this option will not be presented in this tutorial)

1. What year did the civil war begin?

- A.  ? 1905
- B.  ? 1865
- C.  ? 1861
- D.  ? 1961

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2. What is one of the causes of the civil war?

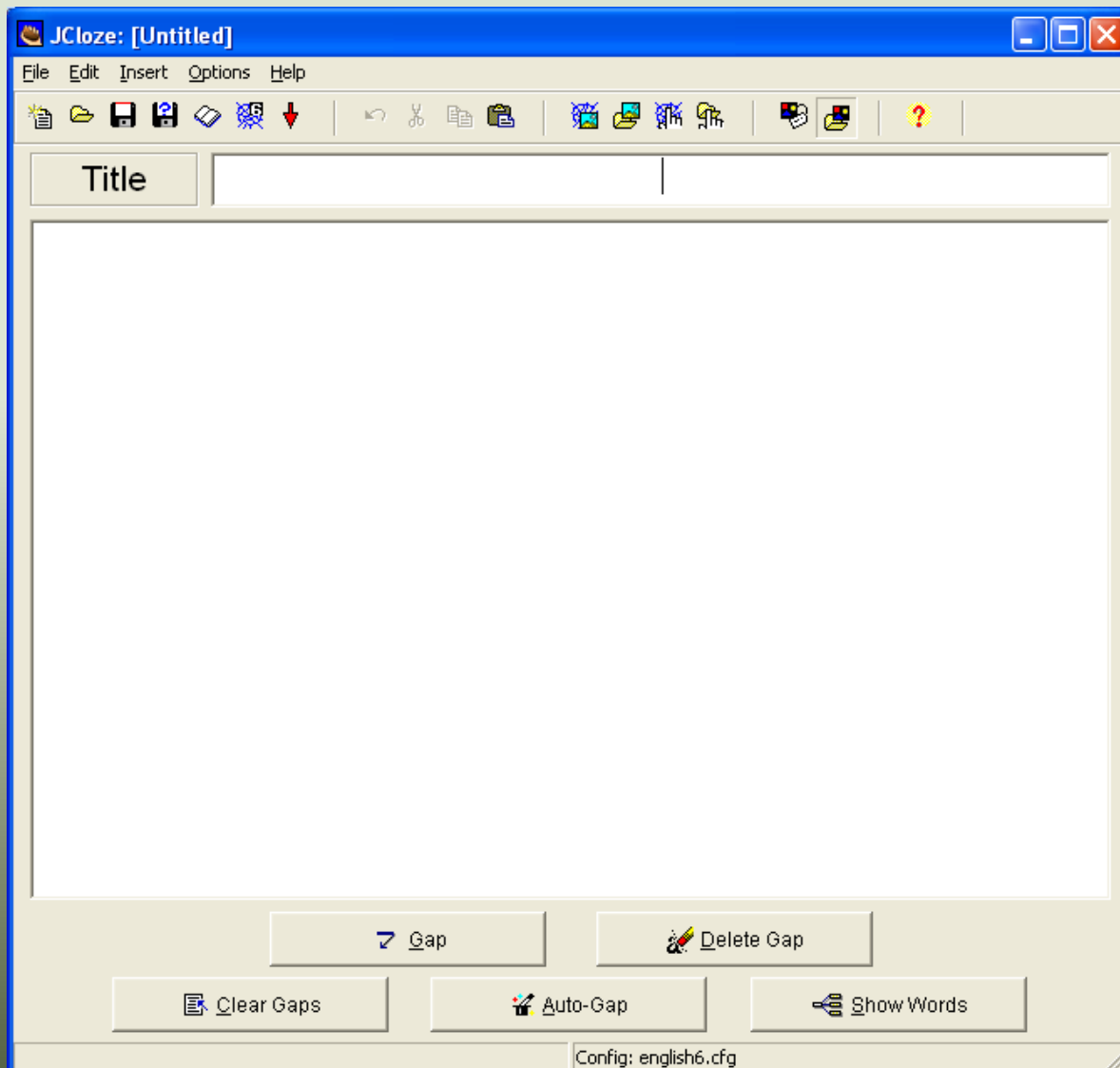
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3. What were the two groups fighting?

- a.  Democrats
- b.  Union
- c.  Republican
- d.  Confederate

# Creating JCloze

- When you select JCloze you will see the following screen
- Create your title
- In the main space add your quiz by typing text, inserting images, and adding web links
- Then, to make a blank where the students will enter the response, highlight the text you want removed and click on the Gap button at the bottom.



# JCloze

- Create open response questions with one or many specific answers. This is essentially a “fill in the blank” quiz.

The screenshot shows the JCloze web application interface. At the top, there is a navigation bar with 'Index' and '=>' buttons. Below this, a white box contains the title 'Pitcairn Island' and the subtitle 'Gap-fill exercise'. A grey bar below the title contains the instructions: 'Fill in all the gaps, then press "Check" to check your answers. Use the "Hint" button to get a free letter if an answer is giving you trouble. You can also click on the "[?]" button to get a clue. Note that you will lose points if you ask for hints or clues!'. The main content area features the title 'Pitcairn Island' and a paragraph of text with six numbered gaps (1) through (6) for user input. The text reads: 'The Pitcairn Islands are (1) in the South Pacific Ocean, about halfway (2) Peru and New Zealand. The larger island of Pitcairn was (3) in 1767 by the British and settled in 1790 by the mutineers from the English ship 'Bounty' and their Tahitian companions. Pitcairn was the (4) Pacific island to become a British colony (in 1838) and today (5) the last vestige of the British empire in the South Pacific. The population of about 50 are the (6) of the Bounty mutineers and their Tahitian wives. English is the official language, but many islanders communicate in Pitcairnese (a pidgin language comprising of elements of 18th century English and a Tahitian dialect)'. At the bottom of the content area, there are 'Check' and 'Hint' buttons. The bottom navigation bar is identical to the top one, with 'Index' and '=>' buttons.

Index =>

Pitcairn Island

Gap-fill exercise

Fill in all the gaps, then press "Check" to check your answers. Use the "Hint" button to get a free letter if an answer is giving you trouble. You can also click on the "[?]" button to get a clue. Note that you will lose points if you ask for hints or clues!

Pitcairn Island

The Pitcairn Islands are (1) in the South Pacific Ocean, about halfway (2) Peru and New Zealand. The larger island of Pitcairn was (3) in 1767 by the British and settled in 1790 by the mutineers from the English ship 'Bounty' and their Tahitian companions. Pitcairn was the (4) Pacific island to become a British colony (in 1838) and today (5) the last vestige of the British empire in the South Pacific. The population of about 50 are the (6) of the Bounty mutineers and their Tahitian wives. English is the official language, but many islanders communicate in Pitcairnese (a pidgin language comprising of elements of 18th century English and a Tahitian dialect).

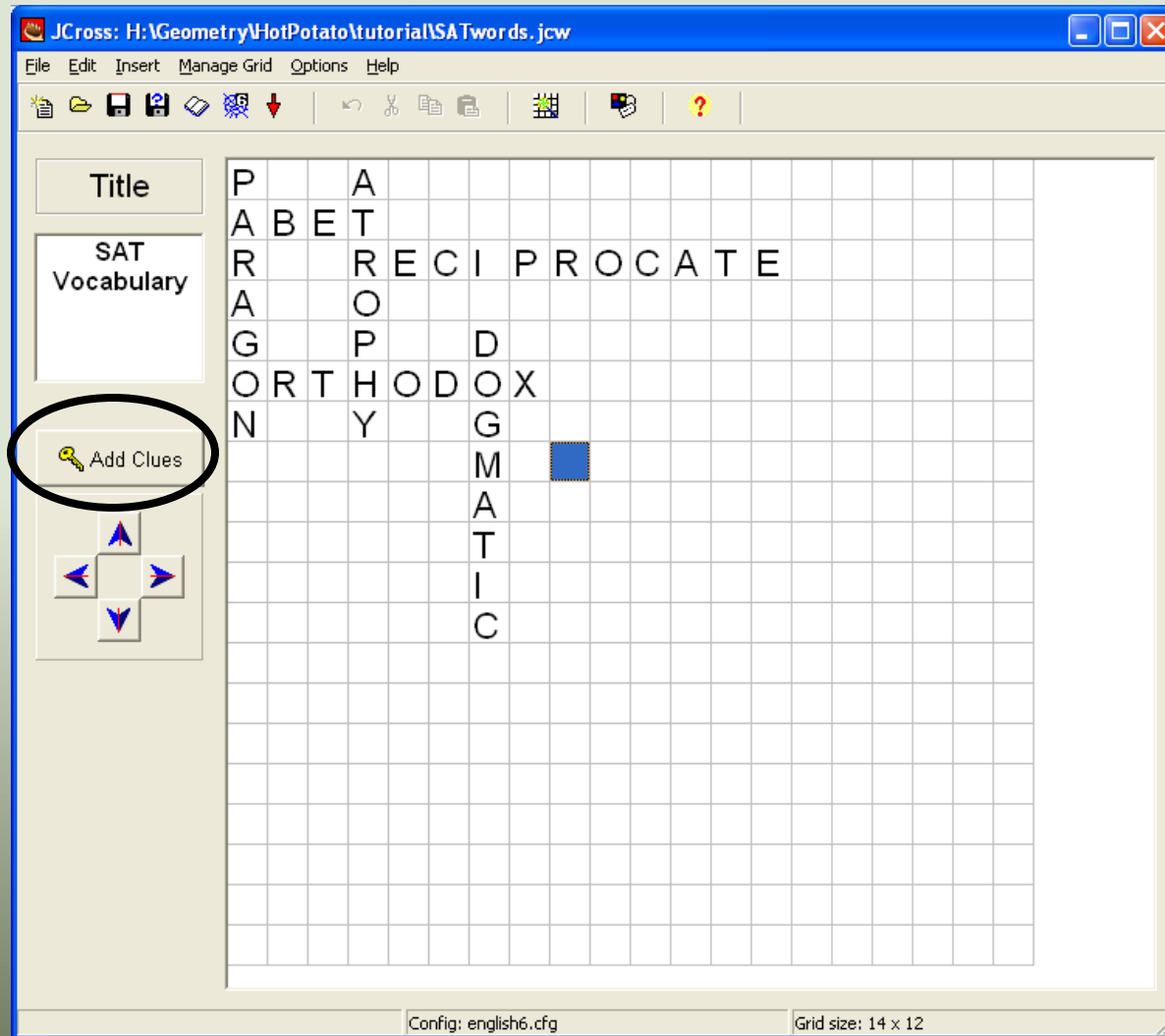
Check Hint

Index =>



# Example: Making a JCross SAT Vocab

- The automatic grid maker allows you to enter a list of words
- Once your words are in the grid, click on the Add clues button to enter the clue text



# Example: Making a JCross SAT Vocab

- You will see the following screen to enter your clues
  - notice that **ACROSS** words are on top and **DOWN** words are on the bottom
- Highlight a word and then type or copy and paste your clue into the box below your word
  - click “Ok” to save your clue

**Add Clues**

Edit Insert

Across	Words	Clues
3	ABET	to aid, help, encourage
4	RECIPROCATE	
6	ORTHODOX	

to aid, help, encourage

✓ OK

Down	Words	Clues
1	PARAGON	
2	ATROPHY	
5	DOGMATIC	

✓ OK

✓ OK

# JCross

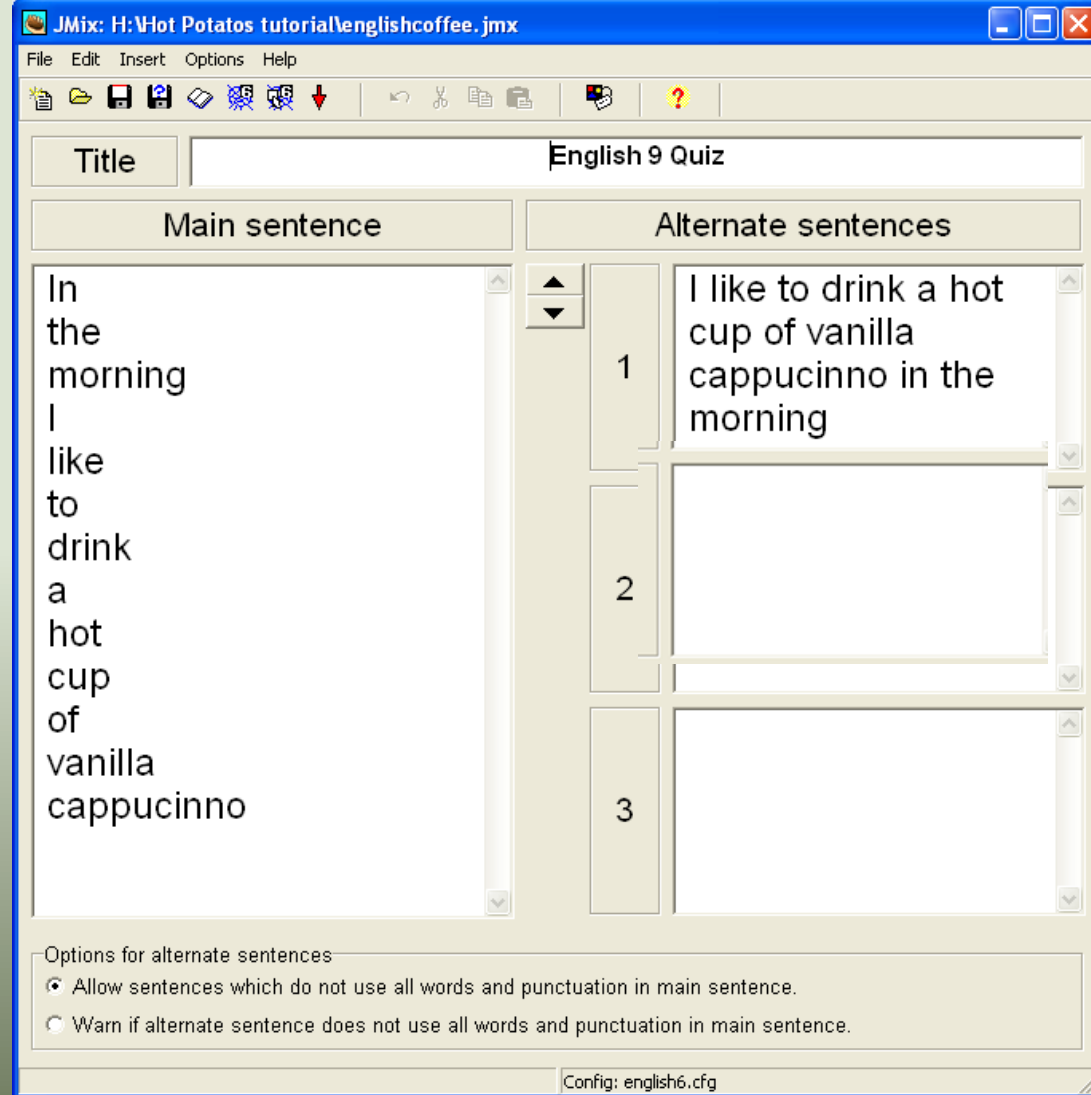
- Create a cross word puzzle using the words and the clues you want

Across: 3: to aid, help, encourage  Enter Hint

Check

# Example: Making a JMix Grammar

- Create a title
- Add the words of your sentence into the box titled “Main Sentence”
- Then add alternate sentences that can also be made from your main sentence.



# JMix

- Create a jumbled sentence that needs to be reordered. With JMix you can either
  - click on the words to put them in order
  - use the mouse to drag the words in order

**English 9 Quiz**  
**Mixed-up sentence exercise**

Put the parts in order to form a sentence. When you think your answer is correct, click on "Check" to check your answer. If you get stuck, click on "Hint" to find out the next correct part.

I like

Check Undo Restart Hint

a cup to cappuccino hot In drink vanilla of the morning

Index =>

**English 9 Quiz**  
**Mixed-up sentence exercise**

Put the parts in order to form a sentence. When you think your answer is correct, click on "Check" to check your answer. If you get stuck, click on "Hint" to find out the next correct part.

Check Restart Hint

morning the I vanilla

cup hot like of a drink in to cappuccino



# The Masher

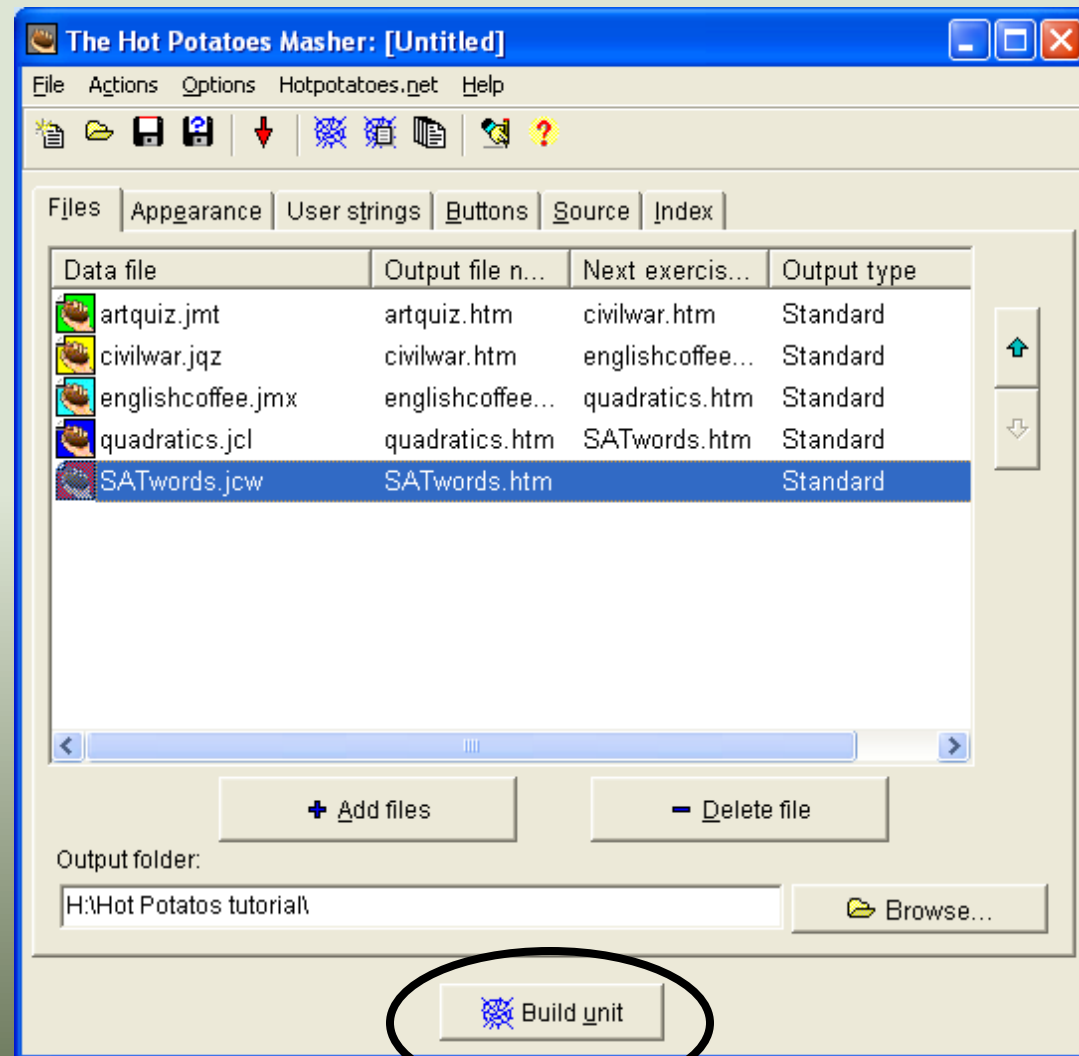
- Once you have created different Hot Potato quizzes, you can “Mash” them together into one big quiz.

## Chapter 3

- [Who's the artist?](#)
- [American Civil War Quiz](#)
- [English 9 Quiz](#)
- [Solving Equations](#)
- [SAT Vocabulary](#)

# Creating a Masher

- Click on the “Add Files” button and you will be able to choose the files you wish to add.
- Once you have added all your quizzes, click on “Build Unit” button



# Sample Unit

Match the picture with the correct answer



???

???

Leonardo da Vinci

Vincent van Gogh

Claude Monet

Michelangelo Buonarroti

???

Local Int

Provide the right answer to the following questions

1. What year did the civil war begin?

A.  1905

B.  1865

C.  1861

D.  1961

---

2. What is one of the causes of the civil war?

---

3. What were the two groups fighting?

a.  Democrats

b.  Union

c.  Republican

d.  Confederate

# Sample Unit

## Fill -in the gaps

index =>

Pitcairn Island

Gap-fill exercise

Fill in all the gaps, then press "Check" to check your answers. Use the "Hint" button to get a free letter if an answer is giving you trouble. You can also click on the "[?]" button to get a clue. Note that you will lose points if you ask for hints or clues!

### Pitcairn Island

The Pitcairn Islands are  (1) in the South Pacific Ocean, about halfway  (2) Peru and New Zealand. The larger island of Pitcairn was  (3) in 1767 by the British and settled in 1790 by the mutineers from the English ship 'Bounty' and their Tahitian companions. Pitcairn was the  (4) Pacific island to become a British colony (in 1838) and today  (5) the last vestige of the British empire in the South Pacific. The population of about 50 are the  (6) of the Bounty mutineers and their Tahitian wives. English is the official language, but many islanders communicate in Pitcairnese (a pidgin language comprising of elements of 18th century English and a Tahitian dialect).

Check Hint

index =>

## Ordering a sentence and a crossword puzzle

### English 9 Quiz

#### Mixed-up sentence exercise

Put the parts in order to form a sentence. When you think your answer is correct, click on "Check" to check your answer. If you get stuck, click on "Hint" to find out the next correct part.

I like

Check Undo Restart Hint

a cup to cappucinno hot In drink vanilla of the morning

index =>

Across: 3: to aid, help, encourage  Enter Hint

1 2  
3 4  
5  
6

Check

**Thank you**