



Activate Word Prediction

About Word Prediction

Word Prediction provides word suggestions as users type. The words display in the Prediction panel and are inserted into the document by clicking on the word or pressing the corresponding function key. Word Prediction offers a robust set of customizable features to provide relevant word suggestions and support correct word choices. For example:

Features That Support Relevant Word Suggestions

- Learn As I Type takes suggestions to the writer's vocabulary pattern.
- Users can select from several contextual prediction files.
- Topic-specific lists can be learned and accessed.
- Phonetic-based predictions can be turned on for phonetic spellers.

Features That Support Correct Word Choice

- Words in the list can be read aloud to help with word recognition.
- Homophone indicators provides visual cue to check word meaning.
- Dictionary lookup to check the meaning of words before selecting it.
- Context accuracy indicator provides visual cue about word fit.

Activate Word Prediction

Word Prediction is activated from the RWG toolbar by clicking the crystal ball icon on the RWG toolbar.

Prediction Window Content

The Word Prediction window is blank until typing begins. Once a character is typed, the window displays a maximum of twelve words that will complete the one currently being typed. This example shows the Prediction window with word suggestions.



Activate Word Prediction, Continued

Hands-On Practice

Complete this exercise to use Word Prediction for writing the first two sentences in an introductory paragraph and learn how to select words from the list, listen to them spoken aloud and access the dictionary to check the definition.

Step	Action
1	<ul style="list-style-type: none"> Launch RWG Open a new blank document in MS Word. Click the Word Prediction button to launch it. <p>Result: The Prediction window displays in the Word document window. It is blank but words display once you begin typing.</p>
2	<p>Move the Prediction window by clicking on the title bar and dragging it to the top right edge of the document.</p>
3	<p>Steps 3-9 involve aloud writing the following question: "What causes an animal to be in danger?" This is the first of the two sentences for the introductory paragraph.</p> <ul style="list-style-type: none"> Begin by slowing typing the following: W <p>Result: The Prediction window displays a list of words beginning with ca.</p> <p>Notice that the list changes as each letter is typed.</p>

Activate Word Prediction, Continued

Step	Action
4	<p>Hover the cursor over each word in the list.</p> <p>Notice that the text color changes and the dictionary icon displays as the cursor hovers over each word.</p>
5	<p>Click on C or press the appropriate function key on the keyboard.</p> <p>Result: The word is inserted into the document, followed by a space.</p> <p>Notice that the Prediction list suggests "cd" as the next likely word. Notice also that Prediction window title reflects the two words typed.</p>
6	<p>As the cursor is moved over each word in the list, were the words spoken aloud? If not, turn on the option to have words read aloud when the cursor hovers over them.</p> <ul style="list-style-type: none"> Place the cursor on the Prediction window and right click. <p>Result: A Prediction menu displays. The active options are checked/checked.</p> <ul style="list-style-type: none"> Click the Speak when pointer hovers over word option to activate it. Close the menu by clicking in the document.
7	<p>The next word in the sentence are "an animal".</p> <ul style="list-style-type: none"> Type a and hover the cursor over the list to listen to each word pronounced. <p>Does hearing the word help in the selection between "a" or "an" or "and"? If not, perhaps viewing their definitions will help with that decision.</p>

Activate Word Prediction, Continued

Step	Action
8	<ul style="list-style-type: none"> Hover the cursor over a word and click the Dictionary button. <p>Result: The Dictionary window opens and displays the definition and sample sentence for "a".</p> <ul style="list-style-type: none"> Select the definition entry. Click Play on the RWG toolbar to hear the definition. Click the Close button in the top right hand corner to close it.
9	Repeat Step 8 for "an" and "and" to see if listening to the definition helps in choosing "an".
10	Complete the following question by typing and inserting words from the list. What causes an animal to be in danger?
11	<p>Word Prediction uses phonetic mappings to support users who spell phonetically. For example, some students might type "l" instead of "el" when spelling the word "element".</p> <ul style="list-style-type: none"> Type One l and then press. <p>The target word is "element". Does it appear in the list?</p> <p>Phonetic replacements can be added to expand the phonetic map list.</p> <ul style="list-style-type: none"> Select element from the list. Continue using the prediction list to complete the second sentence. One element is competition between the species.
12	<ul style="list-style-type: none"> Close the Prediction window by clicking the close button. Save the Word file as My Course Paragraph.doc.

Speak As I Type

About Speak As I Type: Students who need auditory support to help monitor their writing as they type can use the Speak As I Type feature. Users can specify whether speech occurs as letters and/or words and/or sentences are typed.

Hands-On Practice: In this exercise, use the Speak As I Type feature to get audible feedback as letters, words and sentences are typed.

Step	Action
1	Launch RWG and open a blank MS Word document.
2	<ul style="list-style-type: none"> Slowly type: Today is. <p>Does RWG read the letters and words as they are typed? If not:</p> <ul style="list-style-type: none"> Click the Play drop down list. Click Speak As I Type to toggle it on. A checkmark indicates that it is activated.
3	<p>Continue typing but make some deliberate spelling mistakes such as:</p> <ul style="list-style-type: none"> Today is sunny, instead of "Today is sunny." <p>Is it helpful to have speech feedback as each letter, word and sentence is typed? Perhaps words and sentences are helpful but not the individual letters.</p>
4	<p>To turn off speech feedback as letters are typed:</p> <ul style="list-style-type: none"> Click the Play drop down list. Click Speech Options. Select the AUTOREAD tab. Uncheck the Speak on each letter checkbox and click OK to close Speech Options. Type another sentence and notice that individual letters are not pronounced as you type.
5	Turn off the Speak As I Type feature.

Activate Spell Check

About Spell Check: RWG provides a Phonetic Spell Check to analyze and correct spelling mistakes and typos. Users can choose to spell check as they type or check their completed work. Misspelled words are immediately identified and suggested corrections are displayed.

The phonetic mapping strategy built into RWG's Spell Check make it very effective at identifying misspelled words and suggesting appropriate corrections. Unlike mainstream word processors, which suggest word corrections based on the likelihood of typos, RWG Spell Check uses a phonetic map to assess misspellings and suggest word corrections.

The resulting list of suggested corrections in RWG is more accurate than those offered with conventional word processing spell checks.

Two Ways to Activate Spell Check:

- The Spell Check button on the RWG toolbar is used to spell check selected passages or the entire document after it is written.
- The Spell As I Type option on the Spell Check drop down list is used to activate checking as the writer types.

Continued on next page

Activate Spell Check, Continued

Hands-On Practice: Complete this exercise to launch Spell Check and use it to analyze and correct word spellings.

Step	Action
1	<ul style="list-style-type: none"> Launch RWG. Open the Word file named Phonetic Intro to Causes.doc. <p><i>(Screenshot of the document showing a paragraph about legal cases.)</i></p>
2	<ul style="list-style-type: none"> Look at this student writing example. What might cue a student that something is wrong? <p>A visual cue is the red underlining that MS Word uses to indicate a possible spelling error. What about auditory cues?</p> <ul style="list-style-type: none"> Use the Play and Forward buttons on the RWG toolbar to listen to the words in the first paragraph. Notice that some words sound correct (causes and probably) but others do not (gangs and agins). <p>Visual and auditory feedback help to identify problems. To correct the errors, use Spell Check. <ul style="list-style-type: none"> Click the Spell Check button on the RWG toolbar to activate it. <p>Result: The Spelling Helper window displays.</p> </p>

Activate Spell Check, Continued

Step	Action
3	<p>Look at the Spelling Helper window and notice the following:</p> <ul style="list-style-type: none"> The first spelling mistake detected, "Wit", displays in the Original Word box and is highlighted in red. The sentence containing the misspelling provides context for the correct word choice. The scrollable Word List box presents correction suggestions. The Message List box offers a definition and a sample sentence to help identify the correct word. Spell Check will remain active and automatically identify successive errors because the "More to next error after solving this one option" is checked. There are five action buttons: <p>Change - select a word from the Word List and then click this button to change the misspelled word to the selected correction.</p> <p>Change All - select a word from the Word List and then click to change all instances of the misspelled word.</p> <p>Add Custom - click to add the selected word to your custom spelling dictionary.</p> <p>Auto Correct - add a misspelled word and the selected correction to the auto correct file. In the future, if the word is typed incorrectly, Spell Check will make the substitution.</p> <p>Ignore - click to ignore the misspelled word.</p>


(Screenshots of the Spelling Helper window showing the Word List, Message List, and Action buttons.)

Activate Spell Check, Continued

Step	Action
4	<p>Selecting the correct word is aided by reading and listening to the word suggestions and a definition and sample sentence. For example:</p> <ul style="list-style-type: none"> Click the first word in the Word List, Wit, to select it. Select a definition in the Message List and click the Play button on RWG toolbar to listen to the word and its meaning. Hearing the definition can help students rule out "Wit" as a correct choice.
5	<p>Now, make the correction.</p> <ul style="list-style-type: none"> Scroll down the Word List to locate and select What. Play the first definition. Click the Change button to replace "Wit" with "What". <p>Result: The document is updated and Spell Check highlights the next error it detects, "causes".</p>
6	<p>Notice that "causes" is misspelled more than once in the paragraph. The Change All button is useful in this situation.</p> <ul style="list-style-type: none"> Locate and select causes from the Word List. Play the definition and sample sentence. Click Change All to correct all instances of the error. <p>Result: The document is updated and Spell Check highlights the next error it detects, "gangs".</p>

(Screenshots of the Spelling Helper window showing the Change All button and the updated document.)

Activate Spell Check, Continued


Step	Action
7	Continue to correct the remaining spelling errors in the first paragraph using Change or Change All. The corrected paragraph should look like: <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> What causes an animal to be in danger? The problem comes from quick change in environments where species can't adjust. The same causes show up over and over again. In most cases, humans are the cause. Pollution, deforestation, and over harvesting are ways that humans have been destroying nature. </div>
8	Now correct the spelling errors in the second paragraph. The corrected paragraph should look like: <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Pollution is a big cause of destruction. People don't think about how they affect our air, land, and sea. Every time we go to a saw factory, throw our trash out the window, or dump oil in the ocean, we hurt someone's home. Our actions may cause global warming. The Earth's atmosphere is changing so fast, its creatures can't keep up. </div>
9	The Spell Check Completed dialog displays when Spell Check no longer detects spelling errors. <ul style="list-style-type: none"> Click OK to close the dialog. If you need to close Spell Check before correcting all the errors, you can: <ul style="list-style-type: none"> Close Spell Check by clicking the close button <div style="text-align: right; margin-top: 10px;">  </div>
10	Save the document as My Corrected Intro.doc.

Use the Dictionary

About the Dictionary
 The Read & Write Dictionary provides easy access to 180,000 words. Each word has a description and sample sentence, all of which can be spoken aloud by the software. Direct access to the electronic dictionary offers students independent learning and unlimited repetition and reinforcement as they study word meanings.

Users can choose between basic and advanced definitions to support differing levels of vocabulary and reading comprehension. Users can also access definitions from Dictionary.com, an internet-based dictionary search service.

Activate the Dictionary
 The Dictionary is activated by clicking the open book icon on the RWG toolbar.



Dictionary Window
 The Dictionary window displays the original word and word meanings. Use the Browse buttons to view results when looking up several words in the same session. Narrow the meanings list by selecting a word type such as noun or verb. Use the buttons to Search for word meanings, Replace original word with a synonym, and initiate Advanced Search options.

Browse Buttons →

Select Part of Speech →

Meanings List →

Original Word:

Advanced Search Options:

1. Cause: to make something happen or to bring about.

2. Cause: a reason or explanation for something.


3. Cause: a person or thing that causes something to happen.

Synonyms List



Dictionary - Basic Definitions Window

Use the Dictionary, Continued


Hands-On Practice In this exercise, use the dictionary to find basic, advanced and web definitions.

Step	Action
1	<ul style="list-style-type: none"> Launch RWG. Open the Word file named Intro to Causes with edit1 V1.doc.
2	RWG provides basic and advanced definitions to support students with differing levels of vocabulary and reading comprehension. Web Definitions access Dictionary.com, a multi source dictionary search service for additional word study support.
3	To view a basic definition of a word: <ul style="list-style-type: none"> Select causes in the document. Click the Dictionary button on the RWG toolbar. Result: The Dictionary window displays with three definitions listed for causes. Notice the window title indicates Basic Definitions. <div style="text-align: right; margin-top: 10px;">  </div>
4	Close the Dictionary by clicking the close button

Use the Dictionary, Continued

Step	Action
5	Now look at the Advanced Definitions for "cause". <ul style="list-style-type: none"> Click the Definition drop-down arrow and select Advanced Definitions. Select cause from the sentence "In most cases, humans are the cause". Click the Dictionary button. Result: The Dictionary window opens and displays Advanced Definitions. Notice the window title indicates Advanced Definitions. <div style="text-align: right; margin-top: 10px;">  </div>
6	Scroll through the list and notice there are several definitions for causes. <ul style="list-style-type: none"> Click the arrow for the definition for the cause of something. Click the arrow for the definition for the cause of something. Notice that these synonyms are listed for the second definition. A synonym can be selected to replace the original word "cause". <ul style="list-style-type: none"> Select reason from the synonym list. Click the Replace button. Result: The Dictionary closes and the sentence now states "In most cases, humans are the reason." <div style="text-align: right; margin-top: 10px;">  </div>

Use the Dictionary, Continued

Step	Action
7	The last part of this exercise is to access web definitions. Note: If there is no live internet connection, locate and open the colored web page named Endangerment - Definitions from Dictionary.com.mhtml and go to Step 9. If there is a live internet connection, start at Step 8.
8	<ul style="list-style-type: none"> Select Web Definitions from the Dictionary drop-down list. Click the Dictionary button. Type Endangerment in the Manual Text Search box. Click OK. Result: The web browser program opens and displays the Dictionary.com website with a list of definitions for endangerment. <div style="text-align: right; margin-top: 10px;">  </div>
9	Review the dictionary results for "endangerment".
10	Close the website by clicking the close button



The comic strip shows a boy and a bee. The boy asks, "YES SIR... IF I MAY, I'D LIKE TO RETURN THIS KITE." The bee replies, "I THINK I'M AFRAID OF HEIGHTS!" In the next panel, the boy says, "YES SIR... I'D LIKE TO BUY A NEW KITE." The bee replies, "OH, RED, BLUE, YELLOW... I DON'T CARE... THE COLOR DOESN'T MATTER." In the final panel, the boy asks, "DO YOU HAVE ONE THAT ISN'T AFRAID OF HEIGHTS?"

Review Mod 5

- **Try it**

