

Orton-Gillingham Prefixes & Suffixes

Teacher's Manual

MAXSCHOLAR

READING INTERVENTION PROGRAMS

To all the students in the country, we dedicate our programs to you. This teacher's manual will help your teachers provide you with a strong foundation in reading. Reading is essential to life. Keep working at it. You will learn how to read.

--the MaxScholar team

MAXSCHOLAR

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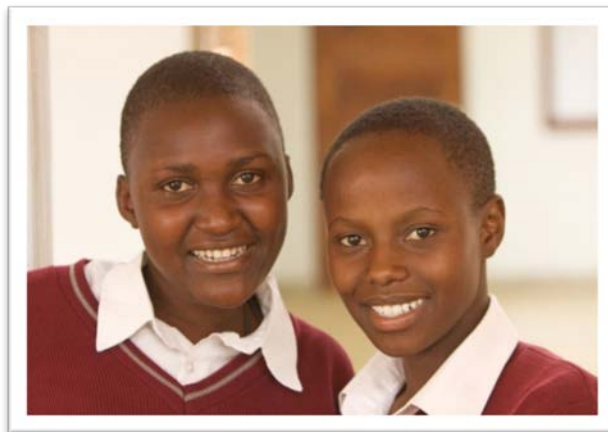
MAXSCHOLAR

ORTON-GILLINGHAM PHONICS PROGRAM

Prefixes & Suffixes

TEACHER'S MANUAL

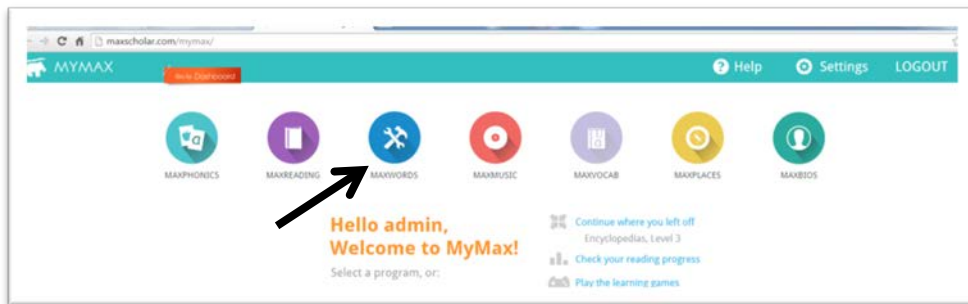
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MaxScholar Prefixes & Suffixes Workbook Introduction

In this program, the student will learn about Prefixes and Suffixes which are an integral part of Orton-Gillingham. The pronunciation and the understanding of the meanings of multi-syllabic words are difficult tasks for some students. Prefixes and Suffixes (also called “affixes”) should be memorized, generalized, and applied. This process all starts with the student being taught the meanings of many prefixes and suffixes and then given extensive practice in how to use them to figure out the meanings of words.

First, have the student login to the program in the following way. Google Chrome should always be used as the browser. Then go to www.maxscholar.com. Login by using the student’s username and password. He/she will be directed to the home page, MyMax. Once the student is at our home page screen, MyMax, click on MaxWords.



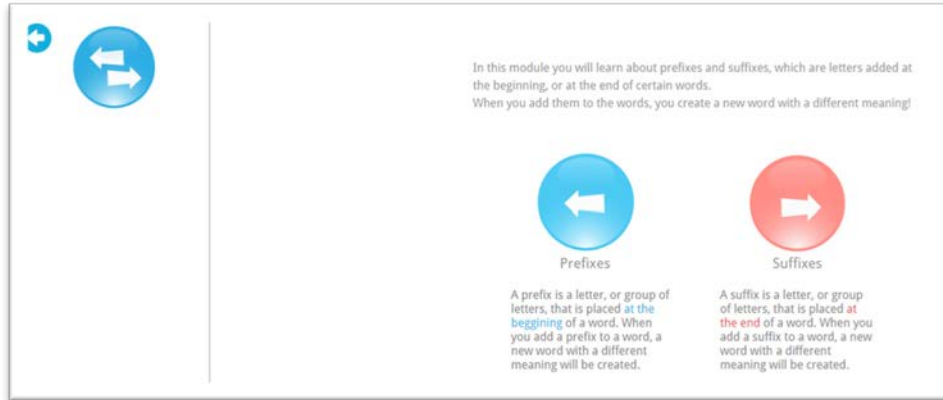
If possible, when working in a classroom, the teacher should use a Smart Board or a screen with a LCD projector attached to a computer. This model works the best with a group of students or a classroom of students. If the session will be one-on-one or a group of 4 or fewer students, it is fine to use a desktop or notebook computer with the student or students gathered around. It is also possible to work on the entire program using our MaxScholar Prefixes & Suffixes Workbook. There is much more drill and practice in the Workbook.

He/she will be taken to our MaxWords menu page which looks like this:



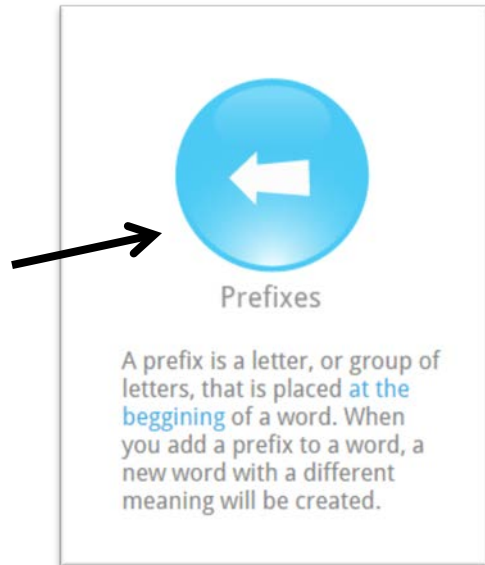
Left-click on “Prefixes & Suffixes” to begin.

This is the Main Menu the student will find when he/she first opens Prefixes & Suffixes:



As in all our programs, the student should follow the order to learn and practice each of the rules. When the teacher determines that more drill and practice is needed, the student should be directed to the corresponding Workbook.

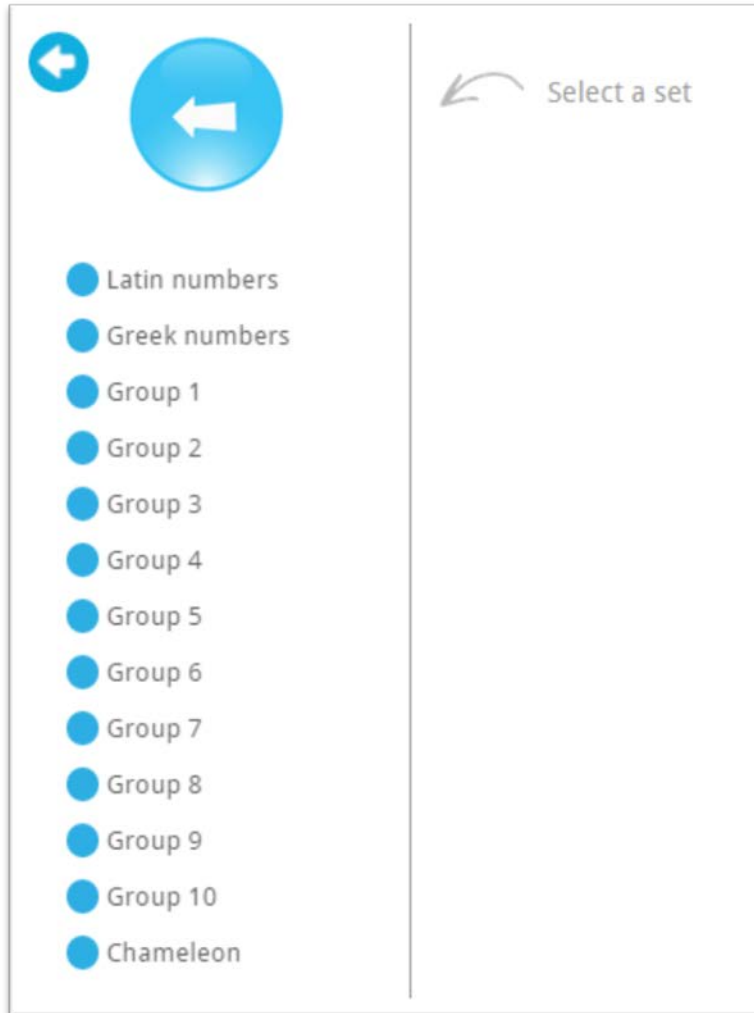
Left-click on the first button to go to Prefixes.



The student will be given a brief explanation of what is a prefix. Throughout the software and the accompanying workbook, the Prefix drills are indicated by this icon:



This is the Main Menu for the Prefixes section of the program:



The section is organized into 13 different sets of prefixes. Their introduction, instruction, and guides to learning will all be similar. As in previous programs, we encourage the student to start at the top of the list and follow each one in order when learning the Prefixes. When he/she is directed back to this page for more drill and practice, then he/she should go to the specific group to work.

We recommend that the student prepare index cards with the Prefix on the front of the card and the definition and example on the back. These cards should be used to help memorize each of the Prefixes.

LATIN NUMBERS

When the student left-clicks on the first group, Latin numbers, he/she will be taken to the following screen.

First note that in the top part of the page are some icons that need explanation:





Prefixes:
Latin numbers

Listen up! Fill in the blank! Move and Match!

L Latin

(Click the example words to listen to their pronunciation)

PREFIX	ORIGIN	MEANING	EXAMPLE
uni -	L	one, single	united
quint -	L	five	quintuplets

 Listen up	This icon indicates that there is a read aloud function which the student can use to hear the proper pronunciation of a prefix or an example.
 Fill in the blank!	This icon indicates a specific drill involving filling in the blank of a sentence or phrase.
 Move and Match!	This is another drill in which the student is asked to left-click on a prefix or a word and drag it into its proper place in a different column.
 L Latin	This icon indicates that a student is working with a prefix that is derived from Latin.

The student should study the table carefully, then start at the top row, read each word out loud, and start to memorize that, first, it is a Latin prefix, then memorize what the prefix means, and, last, an example of the prefix in a word. Then left-click on the word in the “EXAMPLE” column to hear its proper pronunciation. This exercise works well with a group of students using a Smart Board, if available, or with an LCD projector attached to a computer or tablet.

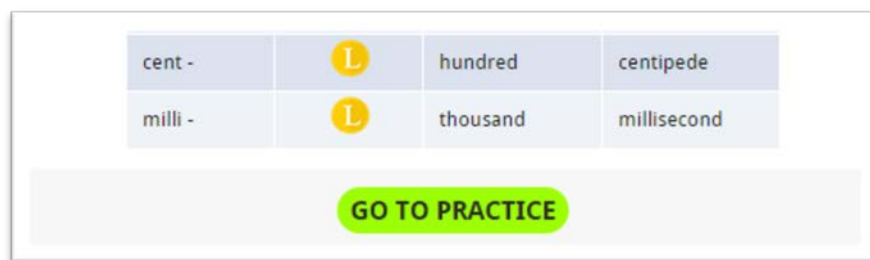
PREFIX	ORIGIN	MEANING	EXAMPLE
uni -	L	one, single	united

For example, the student should

1. Read the prefix “uni.”
2. Memorize it as a Latin number prefix
3. Memorize that it means “one or single”
4. Left-click on the word “united” to hear the narrator pronounce the word properly.

These steps should be continued until all the words in the table have been learned. If the teacher is working with a group of students, have each one take a turn in coming to the front of the class or just calling on them in their seats to read the four steps of the drill while the teacher left-clicks on the example at the proper time.

When all the words have been practiced, scroll to the bottom of the screen.



Left-click on the button, GO TO PRACTICE, to be taken to the first drill.

This screen is a drill in which the student needs to listen to the directions read to him/her by the narrator, then left-click on the prefix, hold the left button on the mouse down, and drag the prefix to its proper place in the right column.

Look at the list on the screen, they are all definitions for a certain prefix.
Drag the prefixes to the correct meaning to make them match!

uni	three, third	_____
quint	five	_____
sex	one, single	_____
bi, duo	six	_____
tri	two, twice	_____

This is what the completed drill should look like:

Look at the list on the screen, they are all definitions for a certain prefix.
Drag the prefixes to the correct meaning to make them match!

	three, third	tri
	five	quint
	one, single	uni
	six	sex
	two, twice	bi, duo

DONE

Note that each prefix has been dragged into its place in the right column, and the entire left column is now empty. The student should then left-click on DONE to see the answers.

Look at the list on the screen, they are all definitions for a certain prefix.
Drag the prefixes to the correct meaning to make them match!

three, third	tri
five	quint
one, single	uni
six	sex
two, twice	bi, duo

You got 5 out of 5 correct answers

CONTINUE

Left-click on CONTINUE to advance to the next screen.

This is the next Move and Match drill for this program. The narrator will explain to the student to drag the prefix to the correct meaning to make it match.

quad, quar	ten _____
sept	four _____
octa, octo	seven _____
nona, nove	nine _____
dec, deca	eight _____
cent	hundred _____
milli	thousand _____

four	quad, quar
seven	sept
nine	octa, octo
eight	milli
thousand	nona, nove
ten	dec, deca
hundred	cent

DONE

The computer will tell the student if there are some errors.

You got 4 out of 7 correct answers

The next section is our Move and Match quiz. The student is asked to left-click on a word in the left hand column and drag it to the sentence on the right where it fits the best. It should look like this. This drill teaches the student how to figure out a word in context.

1. An Olympic event in which an athlete participates in ten events is the **dec** athlon.
2. The eight-legged **oct** opus was a popular animal in the zoo.
3. The most important thing is that the class displays a **uni** ted front.
4. The six babies born today were the first **sex** tuplets ever delivered in the hospital.
5. Committee meetings are always held **bi** monthly in the conference room.

On the next screen, the student will be told his/her score.

You got 5 out of 5 correct answers

After this screen, another Move and Match drill will appear. It should be answered in the same way. Left-click DONE to get the score. Go to the next drill.

GREEK NUMBERS

The next unit to work on is Greek numbers. The steps follow the same as for Latin numbers.



The screenshot shows a table titled "Greek" with a sub-instruction "(Click the example words to listen to their pronunciation)". The table has four columns: PREFIX, ORIGIN, MEANING, and EXAMPLE. Below the table is a green button labeled "GO TO PRACTICE".

PREFIX	ORIGIN	MEANING	EXAMPLE
mono -	1	one	monolayer
duo, di -	2	two	dipolar
tertis, tri -	3	three	tripod
tetra -	4	four	tetrahedral
hex -	6	six	hexagon
hept -	7	seven	heptahedron
oct -	8	eight	octave
ennea -	9	nine	enneagram
dec -	10	ten	decimeter
penta -	5	five	pentagon

Left-click on GO TO PRACTICE to advance to the next screen.

The first drill is Fill in the Blanks. Click, slide, and drag from the items in the left column to the right column. Then left-click on the DONE button.



The next drill is Move and Match. Left-click on an item in the left column and slide it into the proper line to complete a word in the sentence in the right column.

Look at the sentences on the screen, you will notice some words are missing a prefix
Drag and drop the prefixes on the screen in order to correctly fill in the blanks!

1. A conversation between two people is called a di alogue.

2. A molecule with four hydrogen atoms is called tetra hydro.

3. A six-sided bolt used by carpenters is called a hex agon bolt.

4. A STOP sign has eight sides and is considered an oct agon.

5. The Defense Department is headquartered in a five-sided building called the penta gon.

DONE

The student's answers will be shown on the next screen:

Look at the sentences on the screen, you will notice some words are missing a prefix
Drag and drop the prefixes on the screen in order to correctly fill in the blanks!

1. A conversation between two people is called a di alogue.

2. A molecule with four hydrogen atoms is called tetra hydro.

3. A six-sided bolt used by carpenters is called a hex agon bolt.

4. A STOP sign has eight sides and is considered an oct agon.

5. The Defense Department is headquartered in a five-sided building called the penta gon.

You got 5 out of 5 correct answers

Look at the sentences on the screen, you will notice some words are missing a prefix. Drag and drop the prefixes on the screen in order to correctly fill in the blanks!

1. Certain types of poetry contain a version of seven metrical feet, called a hept ameter.
2. You rarely see a polygon with nine sides which is called a ennea gon.
3. A closely packed, single layer of atoms is known as a mono layer.
4. The ten years between 2010 and 2020 is called a dec ade.
5. A photographer steadies her camera with a three-legged tri pod.

DONE

Look at the sentences on the screen, you will notice some words are missing a prefix. Drag and drop the prefixes on the screen in order to correctly fill in the blanks!

1. Certain types of poetry contain a version of seven metrical feet, called a hept ameter.
2. You rarely see a polygon with nine sides which is called a ennea gon.
3. A closely packed, single layer of atoms is known as a mono layer.
4. The ten years between 2010 and 2020 is called a dec ade.
5. A photographer steadies her camera with a three-legged tri pod.

You got 5 out of 5 correct answers

Greek numbers score

If your total score is less than 60%, please see your teacher for additional work.

Fill in the blank!	Move and match!
5 out of 5	10 out of 10
100%	100%

TOTAL SCORE

100%

DONE

if the student's score is less than 60%, consider recommending that that student go to the corresponding Workbook for more drill and practice. In addition, we recommend weekly vocabulary quizzes using words with the new Prefixes and Suffixes.

After completing the Greek numbers section, that button for the Greek Roots is sent to the bottom of the column. Next, left-click on Group 1.


GROUP 1

A screenshot of a navigation menu. At the top is a blue circular button with a white left-pointing arrow. Below it is a list of items, each with a blue circular icon to its left. The items are: Group 1, Group 2, Group 5, Group 6, Group 7, Group 9, Group 10, Group 3, Group 4, Group 8, Chameleon, Greek numbers, and Latin numbers. The 'Group 1' item is highlighted with a light blue background, and a black arrow points to it from the right.

This screen is where the student starts to learn the Prefixes in Group 1.

 Latin  Greek

(Click the example words to listen to their pronunciation)

PREFIX	ORIGIN	MEANING	EXAMPLE
astro -		star	astronaut
bio -		life	biology
equi -		equal	equidistant
geo -		earth	geography
micro -		small	microscope
multi -		many	multiply
peri -		around	perimeter
post -		after	postmark
pre -		before	prehistoric
semi -		half, twice	semicircular

[GO TO PRACTICE](#)

Just as in Latin numbers and as in Greek numbers, the student or teacher will find a set of drills for the student to use to practice.

Group 1 score

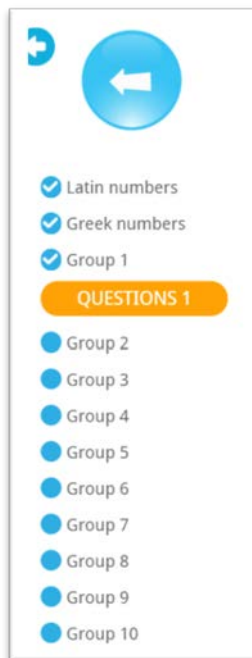
If your total score is less than 60%, please see your teacher for additional work.

Fill in the blank! 10 out of 10 100%	Move and match! 10 out of 10 100%
--	---

TOTAL SCORE
100%

[DONE](#)

Left-clicking on DONE will take you back the Main Menu where a button appears in the left column like this:



There is a new button here called QUESTIONS. Answer the four questions that appear. Left-click on the correct answers. After you receive your score and left-click on DONE, you will be taken to the next screen of four more questions.

GROUP 2

Go back to the Main Menu. Left-click on Group 2. The student will first complete the Listen Up section where he/she must review and pronounce each prefix. Then he/she will be directed to the Move and Match drill, then to the two screens where the student must drag the correct answer into the blank line in a sentence. A scoring sheet will provide the scores for the three drills.

Groups 3, 4, 5, 6, 7, 8, 9, and 10 follow the exact same sequence as described in the paragraph above.

CHAMELEON PREFIXES

Then the student should left-click on the Chameleon Prefixes. These are prefixes that are divided into families according to spelling meaning. The prefixes in each of the four Chameleon Prefix Families all begin with the same first letter or letters. The prefixes in each family all have the same meaning. The last letter of the Chameleon Prefix usually changes for spelling and pronunciation convenience.

a (consonant)-family	
PREFIX	MEANING
a-	to, toward
ac-	
ad-	
af-	
ag-	
al-	
an-	
ap-	
ar-	
as-	
at-	

e (consonant)-family	
PREFIX	MEANING
ef-	from, out, of
ex-	
e-	

o (consonant)-family	
PREFIX	MEANING
oc-	away, against
op-	
ob-	

i (consonant)-family	
PREFIX	MEANING
il-	not
im-	
ir-	
in-	

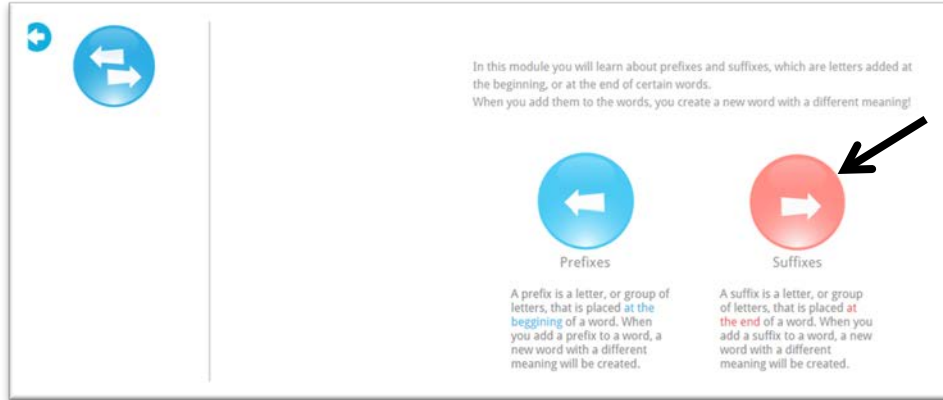
OK, GOT IT!

Again, the student has to memorize each family and each member in the family. There are two screens of similar prefixes to memorize.

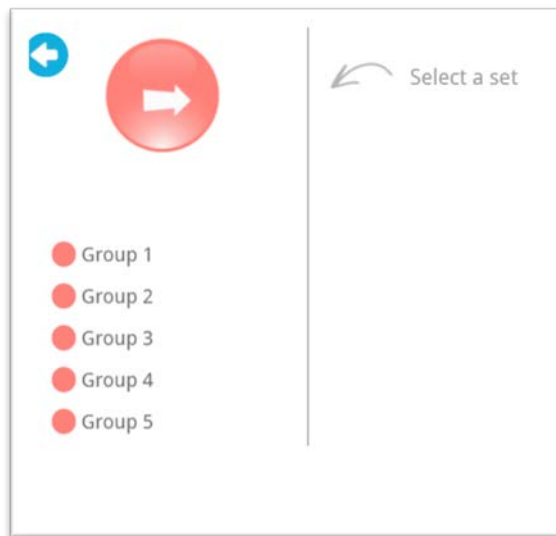
Then complete the Fill in the Blank drill (two screens), and complete the Fill in the Blank drills. Then proceed to the Move and Match drills (two screens). A final score will be provided for those drills.

SUFFIXES

This is the Main Menu for Prefixes and Suffixes. Left-click on Suffixes.



This is the Main Menu for Suffixes. The directions for the Suffixes section are the same as those for the Prefixes section and can be found on pages 4, 5, and 6 of this Teacher's Manual.



GROUP 1

To begin, left-click on Group 1.

A table similar to those in Prefixes appears. Have the student left-click on each word in the right column to hear its pronunciation. Then left-click on GO TO PRACTICE.

The first drill requires the student to left-click on a word in the left column and slide it into its place on the right corresponding to its meaning. Left-click on DONE when finished. The score will appear in the next screen.

Drag the suffixes in order to match the meaning next to it!

cause to be	fy
rule, govern	cracy
pain	algia
healing	iatry
inflammation	itis

DONE

Drag the suffixes in order to match the meaning next to it!

cause to be	<u>fy</u>
rule, govern	<u>cracy</u>
pain	<u>algia</u>
healing	<u>iatry</u>
inflammation	<u>itis</u>

You got 5 out of 5 correct answers

CONTINUE

The next drill requires the student to identify the proper suffix for the word in the sentences on the right. He/she should left-click on the suffix and drag it to the right. Then left-click on DONE to be taken to the next screen to get the score. Left-click on CONTINUE to proceed to the next drill.

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- Breaking down glucose into energy is called "glyco **lysis**."
- The field of health care having to do with feet is called "pod **iatry**."
- We need to intensi **fy** our training to reach our goals.
- The medical term for headache is cephal **algia**.
- A person who is excessively vain or arrogant is said to have ego **mania**.

DONE

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- Breaking down glucose into energy is called "glyco lysis."
- The field of health care having to do with feet is called "pod iatry."
- We need to intensi fy our training to reach our goals.
- The medical term for headache is cephal algia.
- A person who is excessively vain or arrogant is said to have ego mania.

You got 5 out of 5 correct answers

CONTINUE

The next drill asks the student to left-click on the suffix in the left column and slide it into the word in the right column to complete the word in the sentence. There is another set of suffixes following the first set. After the score is obtained on the second screen, left-click on CONTINUE.

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

1. Something that resembles a fungus might be called "fung oid."
2. Another word for shortness of breath while lying down is ortho pnea.
3. The discomfort of being in front of bright lights is called "photo phobia."
4. The largest demo cracy in the world is the country of India.
5. There is a magnificent pan orama from the top of the mountain
6. She needed to have surgery because of acute appendic itis.

DONE

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

1. Something that resembles a fungus might be called "fung oid."
2. Another word for shortness of breath while lying down is ortho pnea.
3. The discomfort of being in front of bright lights is called "photo phobia."
4. The largest demo cracy in the world is the country of India.
5. There is a magnificent pan orama from the top of the mountain
6. She needed to have surgery because of acute appendic itis.

You got 6 out of 6 correct answers

CONTINUE

A final score for that Group is displayed on the next screen. Then left-click on DONE.

Group 1 score

If your total score is less than 60%, please see your teacher for additional work.

<p>Fill in the blank!</p> <p>5 out of 5</p> <p>100%</p>	<p>Move and match!</p> <p>11 out of 11</p> <p>100%</p>
<p>TOTAL SCORE</p> <p>100%</p>	

DONE

GROUP 2

Go to Group 2 by left-clicking on GROUP 2 in the menu on the left. The drills are similar to those completed in GROUP 1.

Drag the suffixes in order to match the meaning next to it!

with reference to **ible**
resembling, or similar to **ary**
condition of **ture**
pertaining to **ac**
of, or referring to **ar**

DONE

Drag the suffixes in order to match the meaning next to it!

with reference to **ible**
resembling, or similar to **ary**
condition of **ture**
pertaining to **ac**
of, or referring to **ar**

You got 2 out of 5 correct answers

REDO EXERCISE **CONTINUE**

When the student made some mistakes, he/she has a chance to REDO EXERCISE by left-clicking on the button. Otherwise, left-click on CONTINUE.

The next two screens are Move and Match drills.

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- The television actress was upset because she noticed a blemish on her face.
- The business leaders kept information from the board in an clandestine way.
- She put on a stellar performance in the school play.
- She had a heart attack and suffered a cardiac arrest.
- Gasoline is a highly combustible fluid.

DONE

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- She had a heart attack and suffered a cardiac arrest.
- She put on a stellar performance in the school play.
- Gasoline is a highly combustible fluid.
- The business leaders kept information from the board in an clandestine way.
- The television actress was upset because she noticed a blemish on her face.

You got 5 out of 5 correct answers

CONTINUE

Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- We were visited by the head dignitary of the country.
- We wish we had the ability to predict the future.
- Opera, theater, museums, and libraries are all forms of culture.
- The witness seemed to disappear in a magical way.

DONE

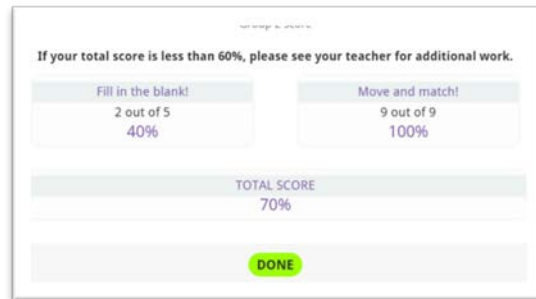
Look at the sentences on the screen, you will notice some words are missing a suffix. Drag and drop the suffixes on the screen in order to correctly fill in the blanks!

- We were visited by the head dignitary of the country.
- We wish we had the ability to predict the future.
- Opera, theater, museums, and libraries are all forms of culture.
- The witness seemed to disappear in a magical way.

You got 4 out of 4 correct answers

CONTINUE

After completing both of the above exercises, the student left-click on CONTINUE. He/she will be directed to the screen which shows the summary of all the exercises just completed.



GROUP 3

GROUP 4

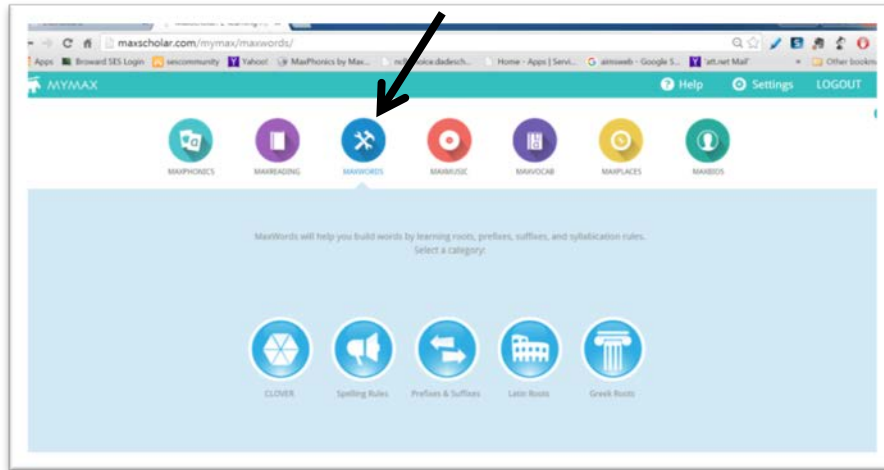
GROUP 5

All these groups follow the same directions as in groups 1 and 2.

When the student has completed the entire section of Prefixes and Suffixes, the score on all the groups in both areas can be viewed in the Reports section of the Admin Site.

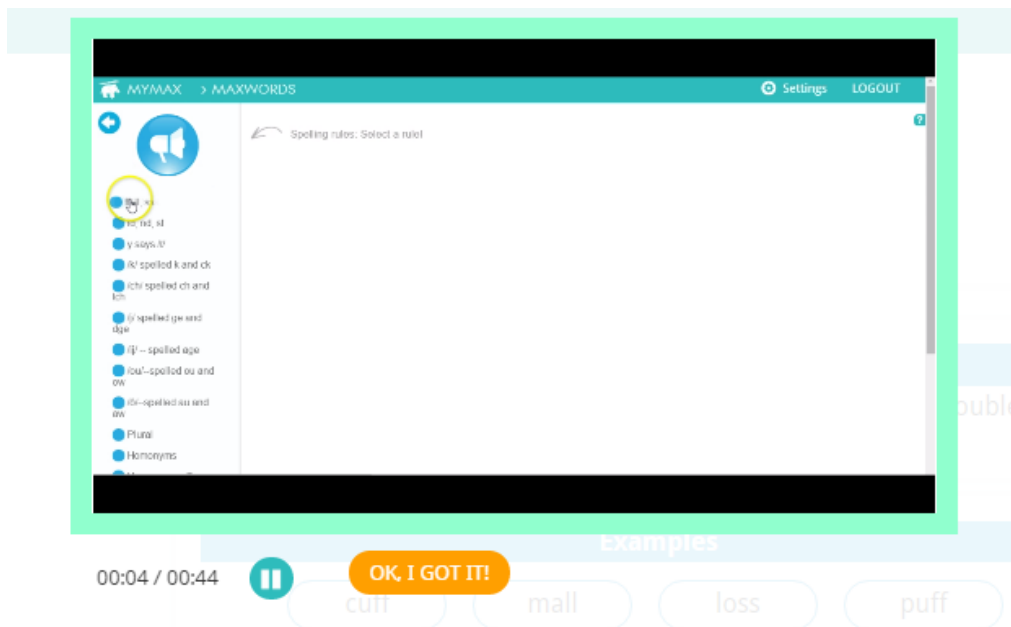
Help Menus

In effort to help teachers understand what to do, we have incorporated “Help” menus on nearly every screen. Here is an example of such an option, showing you where the button can be found.



That will take you to a help video which will take you to a video which will explain what you need to know about the drill that is described on that page.

It looks like this:



After you finish viewing the video, left-click on “OK, I GOT IT!” and you will return to the screen you were on. Similar Help videos are available on each screen.

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