

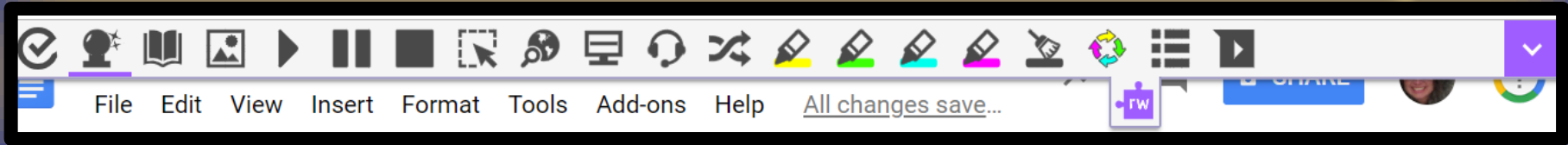
<https://bit.ly/2wvMlv7>



# Read & Write

# Google Chrome

Created by Ildi Kloiber - WCDSB



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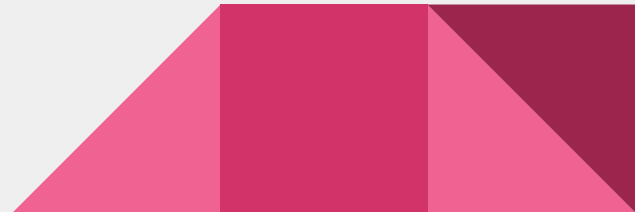
# Introduction

- To introduce the **features** on the Read & Write Toolbar which can benefit all students with their learning.
- To show different ways of using the Read & Write features to best benefit each students' way of learning

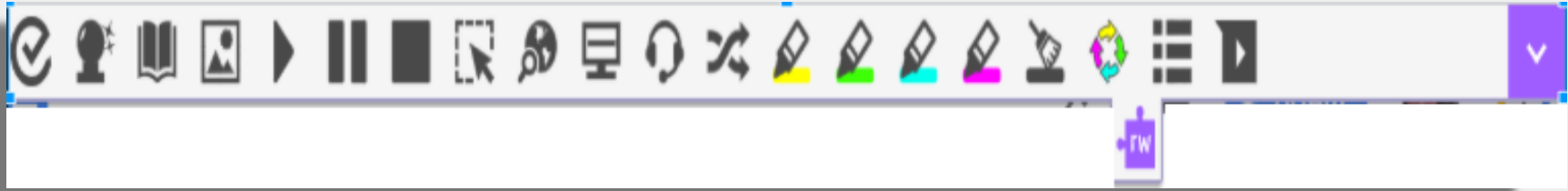
# Benefits of the Read & Write Toolbar

## Helps Students with:

- Reading difficulties
- Spelling difficulties
- Writing difficulties
- Helping in gathering information for Research
- Help students who are ESL
- French
- Video <https://youtu.be/4Bp0to8a9Z0>



# The Read & Write Toolbar



- Click on the **purple puzzle piece** and the above toolbar will appear.
- If it is your first time using the toolbar; permissions will pop up where you will be asked to select your account (which is your school account) and then be asked to “Allow.”

# Listening to Text

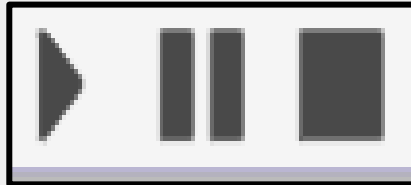
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- Helps students who struggle with reading
- Helps students in comprehending what they are reading as the speed of the rate at which it is read back can be slowed down.
- Helps students in editing their work by having it read back to them and allowing them to hear mistakes made.
- Help students who become frustrated at the amount of reading assigned
- [https://youtu.be/Afx4KCR0D\\_Q](https://youtu.be/Afx4KCR0D_Q)

Read

Pause

Stop

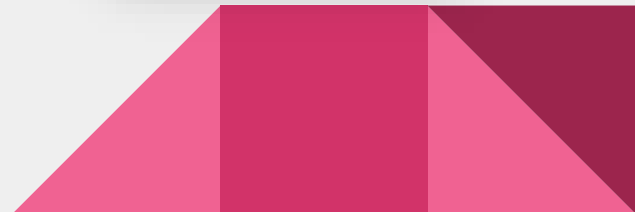
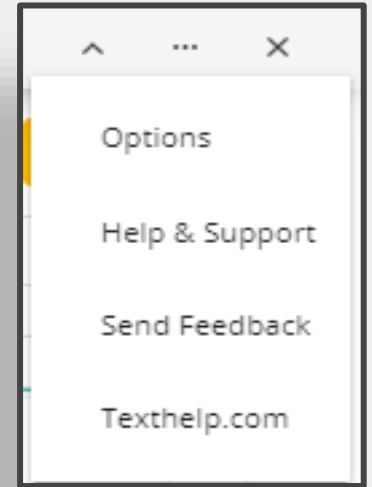




# Listening to Text

This feature has a **Play**, **Pause** and **Stop** button.

Changes can be made to this feature by clicking on the three dots and selecting “**Options**”



# Cont.....

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**Options**

- Speech
- Prediction
- Check It
- Screen Masking
- Language
- Features
- About

**Speech**

Voice: US Samantha - Vocalizer

Speed: 0 50 100 40

Reading:  Continuous reading

Translation: French - français

OK Cancel

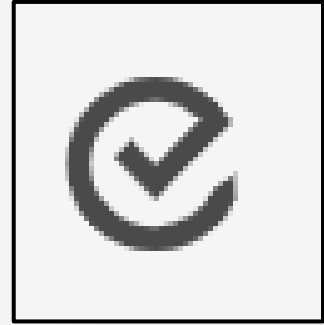
Here you will be able to adjust the speed (which should be between 35 - 50). Slower speed will help those struggling with working memory.

If student is taking French; the translation should be changed to French.

# C H E C K I T

The “**CHECK IT**” feature when activated will:

- Check for spelling errors
- Check for grammar errors
- Check for phonetic spelling
- Check for homophones or other confusable words
- Check for Capitals
- Check for Commas
- Give suggestions in rewording phrases
- Point out when a word has been used three successive times to begin a sentence
- Point out a missing bracket or quotation mark



The more the feature is used; the more Google learns your writing style. See the next slide to see a comparison of Google Spell & Grammar Check working and when CHECK IT is activated.

<https://youtu.be/f1NF2iuNBKk>

## Google Spell & Grammar Check

my first time ridying a Go-Kart was the best thing that happened to Me. I went to toronto, ontario. I went to a Go-Kart track. I was so excited but at the same time I was scared and very nervos.

My hart was beting so hard I was afraid it was going to burst outof My chest. My stomach was doing flip flops because I was so nervouse.

When my dad and I hopped into a cart and took off all those feelings melted away. I was amazed by all the smells around me.

The smells of motor oil and the not so pleasantsmells of burning rubber. All the fresh air was giving me more energy than ever before. All of a sudden the road changed. There was a part of the course that was bumpier than a alligators back. my back started to hurt as we drove on the feel of the wind made me forget that. When I looked down all the cars below looked a lot smaller from the highest point of the track. All the other Go - Kart tracks looked so far away. I heard lots of things too like the engines of the carts to birds calling to each other. The rumble of the cars down below seemed far away. My heart was racing when it was time to go. I knew I was ready but I was very nervous. I said to my mom, "Do we have to go?"

## Check It Feature Enabled

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**my** first time ridyng a Go-Kart was the best thing that happened to  
to **toronto, ontario**. I went to a Go-Kart track. **I** was so excited


My  
 Ignore


Toronto  
Trento  
Trent  
tornado  
torrent  
 Ignore All  
 Add To Dictionary

flip-flops  
 Ignore

Three successive sentences begin with the same word.  
 Ignore

the surrounding smells  
 Ignore

"When" at the beginning of a sentence requires a 2nd clause. Maybe a comma, question or exclamation mark is missing, or the sentence is incomplete and should be joined with the following sentence.  
 Ignore

Unpaired symbol: "" seems to be missing  
 Ignore

ready, but  
 Ignore

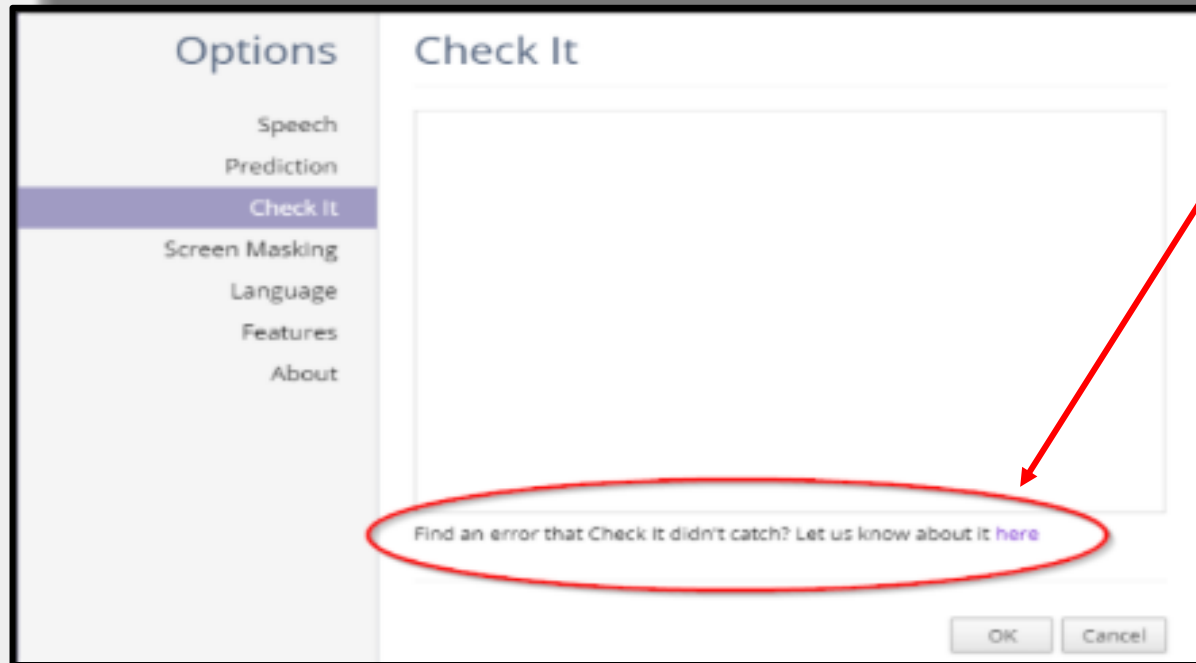
When m...  
those feelings...  
The s...  
rubber. All the...  
of a sudden the...  
was bumpier th...  
drove on the fe...  
down all the cars below looked a lot s...  
the track. All the other Go - Kart...  
heard lots of things too like the engines...  
each other. The rumble of the cars...  
My heart was racing when it was time to go. I knew I was **ready but**  
I was very nerv...  
ed and very nervos.  
d I was afraid it was go...  
ng **flip flops** because...  
a cart...  
y all **the smells around** me.  
to pleasantsme...  
ing me more energy than ev...  
There was a part of the c...  
back. my back started to hurt as we...  
made me forget that. **When** I looked...  
point of...  
r away. I...  
alling to...  
ar away.

**Do** we have to go

If the **“CHECK IT”** feature is flagging words that are correct, or not flagging words that are incorrect, click on the three buttons on the right of the R&W Toolbar



Then go to Options select **Check It**



Click on **“here”**.

A **Google Form** will open. Completing the form and submitting it will let Text Help know what errors are missed or what were considered errors but were not.

Click on link below to see a sample of the Form.

<https://bit.ly/3amhM9B>

# Word Prediction



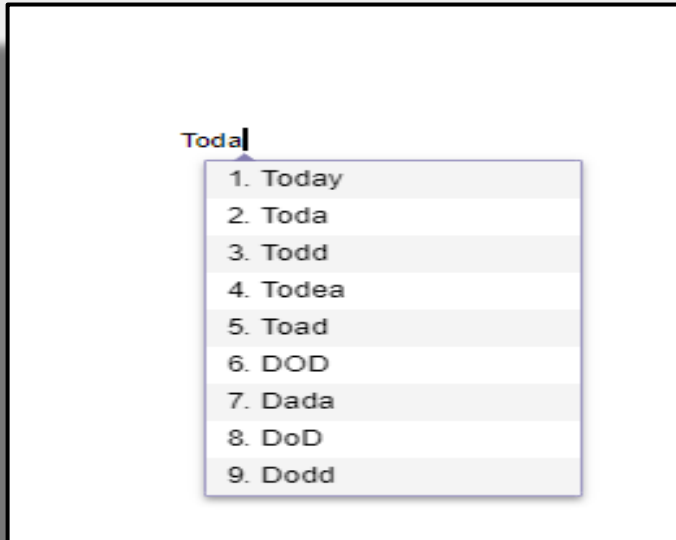
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- This tool tries to predict the spelling of a word as you type.
- It can follow the cursor as you type or can be put at a location on a Google Doc/Slide where the student chooses.
- Student can select to have between 3 - 10 words on the prediction list.
- Student is also able to change the size of text.
- All of these changes can be made by choosing “Prediction” in the Option Section.
- This tool is also very useful for those students taking French
- <https://youtu.be/mvm4qN9H7og>

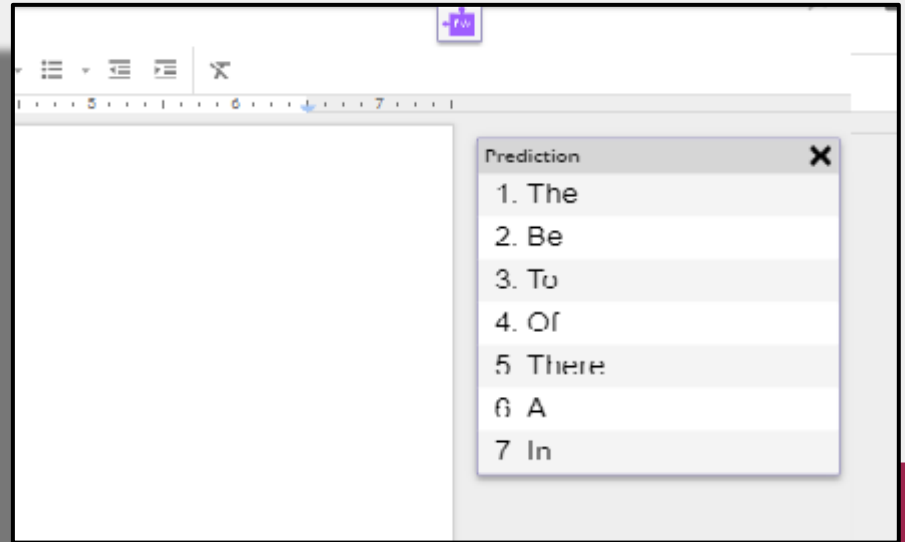
# Sample of Word Prediction

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Following the cursor:



Set in Designated Place to the side of Doc:



# Book/Word Dictionary

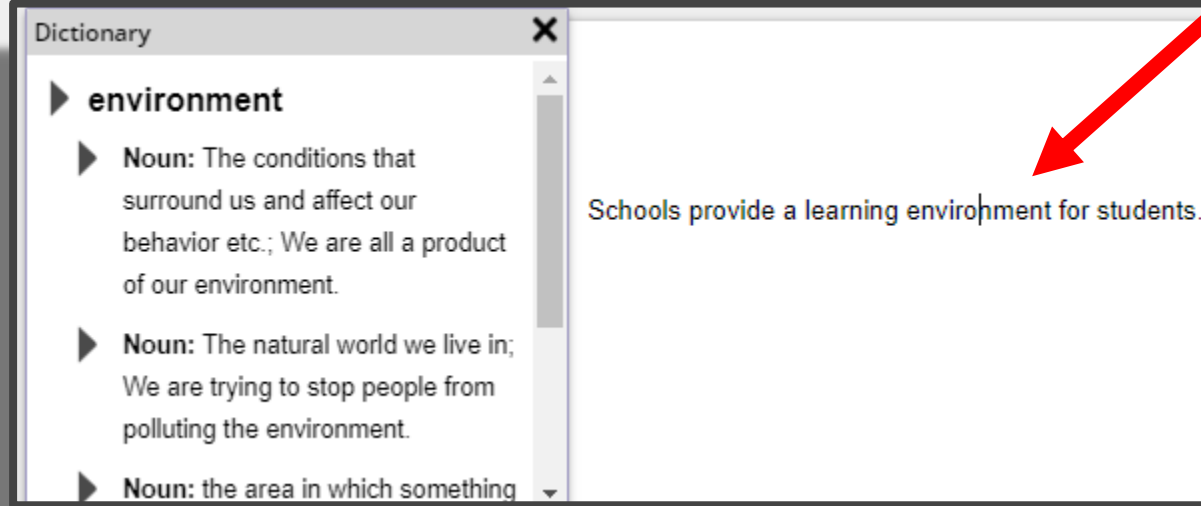


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The **Book/Word Dictionary**



will read text definition of a selected word.



Dictionary

- ▶ **environment**
  - ▶ **Noun:** The conditions that surround us and affect our behavior etc.; We are all a product of our environment.
  - ▶ **Noun:** The natural world we live in; We are trying to stop people from polluting the environment.
  - ▶ **Noun:** the area in which something

Schools provide a learning enviro|ment for students.

<https://youtu.be/ag8T2GJ1kYE>

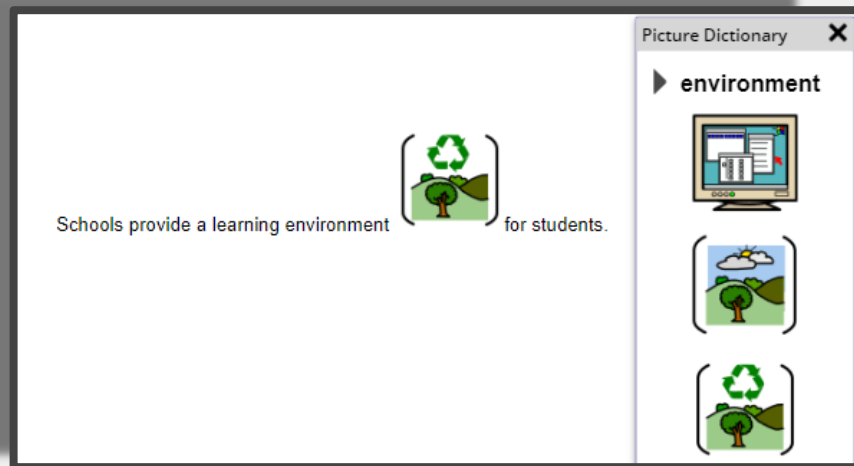
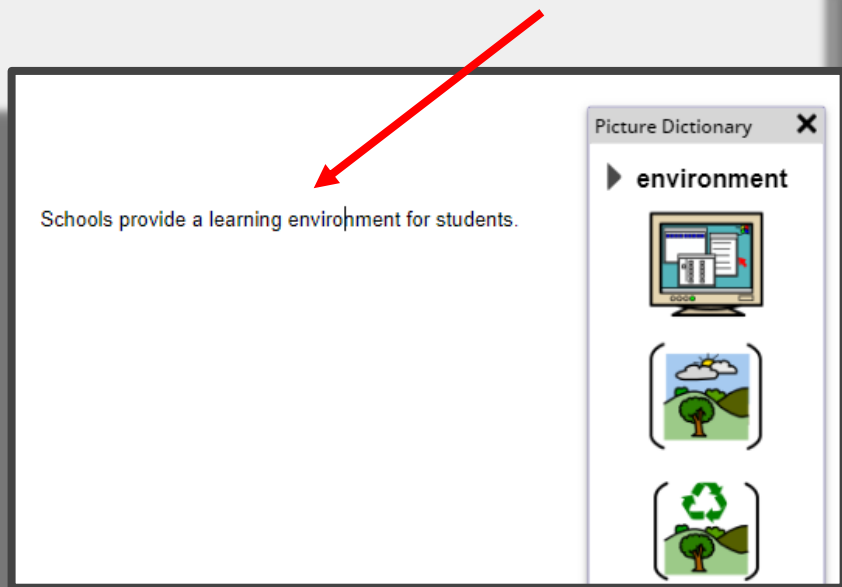
# Picture Dictionary



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Students can use the Picture Dictionary as a picture cue to trigger the meaning of a selected word.

Student can also select the picture they want and **DRAG** it onto the **Google Doc** or **Google Slide**.



# Vocabulary List



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- This feature builds **Vocabulary Lists** by highlighting words in a Google Doc or Slide.
- The highlighted words will be extracted and brought into a newly created Google Doc.
- This is a feature that can be used as well without highlighting words. In this case a table will be created where you can manually add rows and the definitions.
- Remember to title the Vocabulary list. **Example:** If the vocabulary list was made for math terms; be specific: label it Geometry Vocabulary List; science - Ecosystem Vocabulary List etc.
- <https://youtu.be/BNks9ofZb00>

# Creating a Vocabulary List

- **Highlight** the words you want to have in the Vocabulary List as follows by using the highlighting tools on the Read & Write Toolbar.
- **Select and click on**







## Measuring Ingredients

1. It is best to mix the dry **ingredients** (flour, baking soda, **baking** powder and/or salt) in a bowl **before** adding them to the wet ingredients.
2. We should always **sift** whole grain flours.

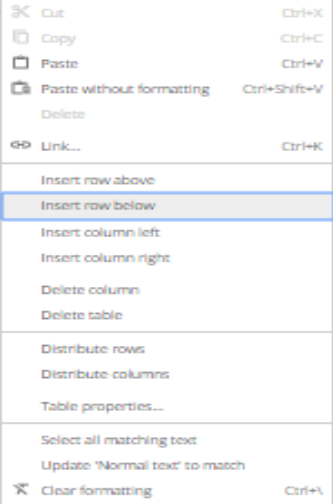
# Sample of Vocabulary Lists

When the highlighted words are extracted the following Google Doc is created:

Baking Vocabulary List			
Word	Meaning	Symbol	Notes
baking	making bread or cake or pastry etc.		
before	In the past; I loved steak before I decided to become a vegetarian.		
ingredients	Something that you use to make something, especially food; What ingredients do we need to make the cake? a		
sift	move as if through a sieve; "The soldiers sifted through the woods"		

When no words are selected the following will be created; rows and columns can be inserted.

Vocabulary List			
Word	Meaning	Symbol	Notes



# Talk & Type



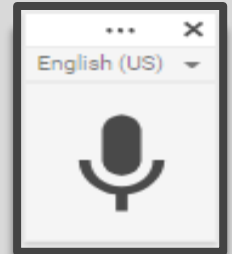
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- Click on the **Talk & Type** feature and a **microphone** will appear to the left of the Google Doc. (when the microphone is red it is recording). This feature converts speech to text.  
**NOTE:** When selecting Talk & Type; wait a second or two before speaking as it will start typing right away and will only catch the tail end of the word and will appear as an error.



**Example:** tomorrow may be typed as “row” “orow” or “morrow”

- This feature can also assist students who have English as their second language as well as students learning French.
- Click on the Talk & Type feature again to turn off the Microphone or you can command it to **“Stop Listening”**
- This feature has commands that it follows. For example:  
*“New Paragraph”      “Period”      “Comma”      “Insert Table”      “Stop Listening”*
- <https://tinyurl.com/tcvssrr> (commands)

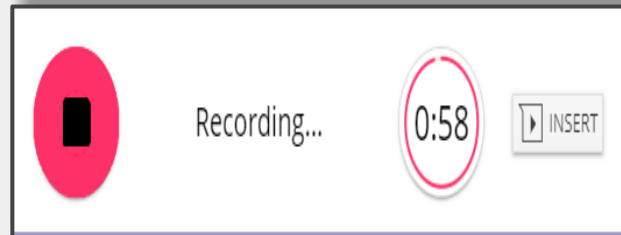
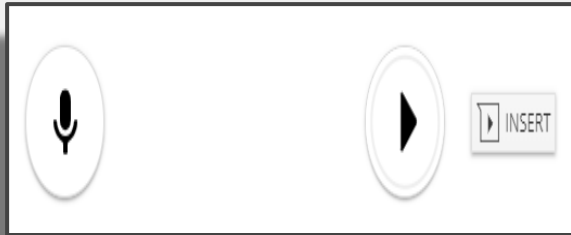


# Voice Note



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- The **Voice Note** feature allows you to record up to one minute of audio of your voice which can then be inserted into a Google Doc.
- Ideal for brainstorming ideas quickly
- Helpful for immediate feedback to students
- Can be used by students working on the same project for collaboration
- Helpful for those who struggle in putting their answers onto paper
- To use, first, highlight a word in a Google Doc as this will anchor to where you want the Voice Note to apply.
- When the Microphone is selected it will change to red and will begin to record. Once satisfied with the recording; select insert and it will insert into a Google Doc.
- <https://youtu.be/3zasE2JCfP8>





# Translator

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The **Translator** feature will translate a selected word into the language that is selected. This is a great feature for those students taking French, or students who speak another language. <https://youtu.be/YRnzNnnKFIE>

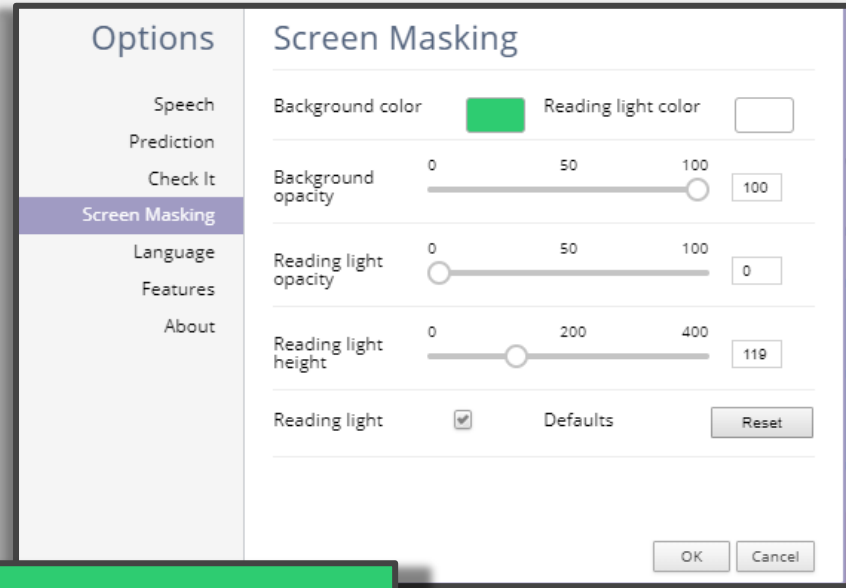
(Go to Options; select Speech and change Translation to your preferred language)

The screenshot shows a Google Docs document with the word "before" highlighted in blue. A "Translator" popup window is open over the word, displaying a list of French translations: "avant", "avant de", and "devant". The document's title bar reads "Tools Add-ons Help All changes saved in Drive". The document content includes the heading "Measuring Ingredients" and a numbered list item: "1. It is best to mix the dry ingredients (flour, baking soda, baking powder and/or salt) in a bowl before adding them to the wet ingredients." The word "before" in the list item is also highlighted in blue.

# Screen Mask

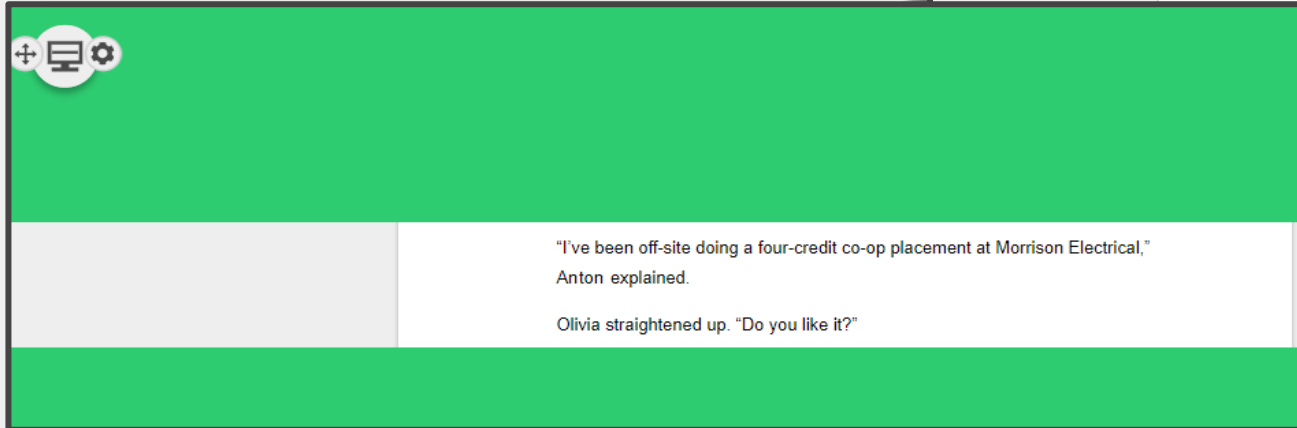


- The **Screen Mask** feature allows students to track while they read the WEB or if reading a textbook On line.
- It is also a feature that can be used as a study tool; by having the question visible and the answer blocked.
- Changes can be made to the Screen Mask by going to **“Options”** and selecting **“Screen Mask”**



The screenshot shows the 'Screen Masking' options menu. On the left is a vertical list of options: Speech, Prediction, Check It, Screen Masking (highlighted), Language, Features, and About. The main area is titled 'Screen Masking' and contains several settings:

- Background color: A green color swatch.
- Reading light color: A white color swatch.
- Background opacity: A slider from 0 to 100, with a value of 100.
- Reading light opacity: A slider from 0 to 100, with a value of 0.
- Reading light height: A slider from 0 to 400, with a value of 119.
- Reading light: A checked checkbox.
- Defaults: A button.
- Reset: A button.
- OK: A button.
- Cancel: A button.



The screenshot shows a document with a green screen mask overlay. In the top left corner, there are three icons: a plus sign, a computer monitor, and a gear. The document text is partially visible through the mask:

"I've been off-site doing a four-credit co-op placement at Morrison Electrical," Anton explained.

Olivia straightened up. "Do you like it?"

Teachers can also use this feature to chunk their lesson as they teach on Bright Links to help keep students focused.

<https://youtu.be/iWwayGfjTKI>

# Highlighting Features



- Highlighting text; by selecting the Highlight Collector selected text



all

will be brought into a new Google Doc.

- The information extracted can then be summarized and put into the student(s) own words.
- These features are tools that can be used in research. Take a look at the following link.
- <https://youtu.be/sRw2Ka5WSqg>



# Simplify Feature on a Web Page

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- The **Simplify Feature** removes the distractions that are found on a Webpage. It takes the text to a Web page without the distractions.
- Students can gather the information needed for an assignment more easily from the simplified page.

## Non Simplified Webpage

ENCYCLOPEDIA

CONTENT

ARTICLE INDEX

Description

Distribution and Habitat

Diet

Reproduction and Development

Relationship with Humans

Challenges

Interested in wildlife?

Polar Bear

Article by [Nicholas J. Lunn](#) Date Published March 18, 2012

Last Edited March 22, 2015

Feedback

Citation

Share

## Simplified Webpage

+ Simplify - contrast

Read&Write for Google Chrome™

Polar Bear | The Canadian Encyclopedia

The polar bear is the largest living species of bear. They are found in the northern reaches of Canada, including parts of the Yukon, the Northwest Territories, Nunavut, Manitoba, Ontario, Québec and Newfoundland and Labrador.

Description

The polar bear (*Ursus maritimus*) is a large carnivore with white fur and black skin. On average, the polar bear is the largest of the eight living species of bears. Adult males are typically 2.4&#x2013;2.6 m in length and weigh 400&#x2013;600 kg; adult females are about half the size (1.9&#x2013;2.1 m, 200&#x2013;300 kg).

Distribution and Habitat

Polar bears are found on the ice-covered waters of the circumpolar Arctic. They prefer areas of annual ice that occur over the shallower waters of the continental shelf, which are more biologically productive than deeper waters of the polar basin. There are an estimated 20,000 to 25,000 polar bears worldwide, about 64 to 80 per cent of which are found in Canada &#x2013; in the Yukon, Northwest Territories and Nunavut, as well as northern portions of Manitoba, Ontario, Québec and Newfoundland and Labrador.

- <https://youtu.be/512Y2s32ES0>

# RESOURCES

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<p><b>Main Read &amp; Write Handout</b> <a href="https://tinyurl.com/qnqgfa2">https://tinyurl.com/qnqgfa2</a></p>	<p><b>How to Use explore</b> <a href="https://tinyurl.com/rnbpv4t">https://tinyurl.com/rnbpv4t</a></p>
<p><b>Read &amp; Write Pdf</b> <a href="https://tinyurl.com/rtjbsme">https://tinyurl.com/rtjbsme</a></p>	<p><b>TextHelp Videos for Read &amp; Write</b> <a href="http://bit.ly/RWGoogleVideos">http://bit.ly/RWGoogleVideos</a></p>
<p><b>Read &amp; Write Video links</b> <a href="https://tinyurl.com/vfgx43h">https://tinyurl.com/vfgx43h</a></p>	<p><b>French Read &amp; Write Toolbar</b> <a href="https://bit.ly/2UiRHTs">https://bit.ly/2UiRHTs</a></p>
<p><b>Snapverter Handout &amp; Video</b> <a href="https://tinyurl.com/yx4dqm7d">https://tinyurl.com/yx4dqm7d</a> <a href="https://youtu.be/EkFERa-wyA">https://youtu.be/EkFERa-wyA</a> <a href="https://youtu.be/15K15wbyuYk">https://youtu.be/15K15wbyuYk</a> <a href="https://youtu.be/X8bl t-tVTA">https://youtu.be/X8bl t-tVTA</a></p>	
<p><b>Talk &amp; Type commands</b> <a href="https://tinyurl.com/tcvssrr">https://tinyurl.com/tcvssrr</a></p>	