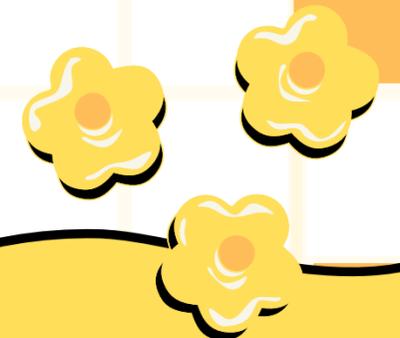


# THE INTERNET



# Nekoosa Help Desk Lesson #3

## Using Google's Search Function

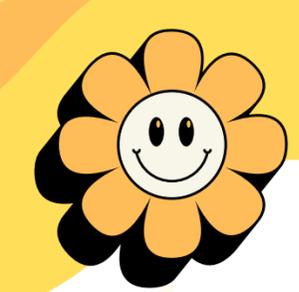
Today we will be covering...

- What is the internet?
- Navigating the World Wide Web



**What's the  
Internet?**





# Internet Definition



The internet, sometimes called the **net** or the **web**, is a worldwide system of interconnected computer networks and electronic devices that communicate with each other using an established set of protocols.

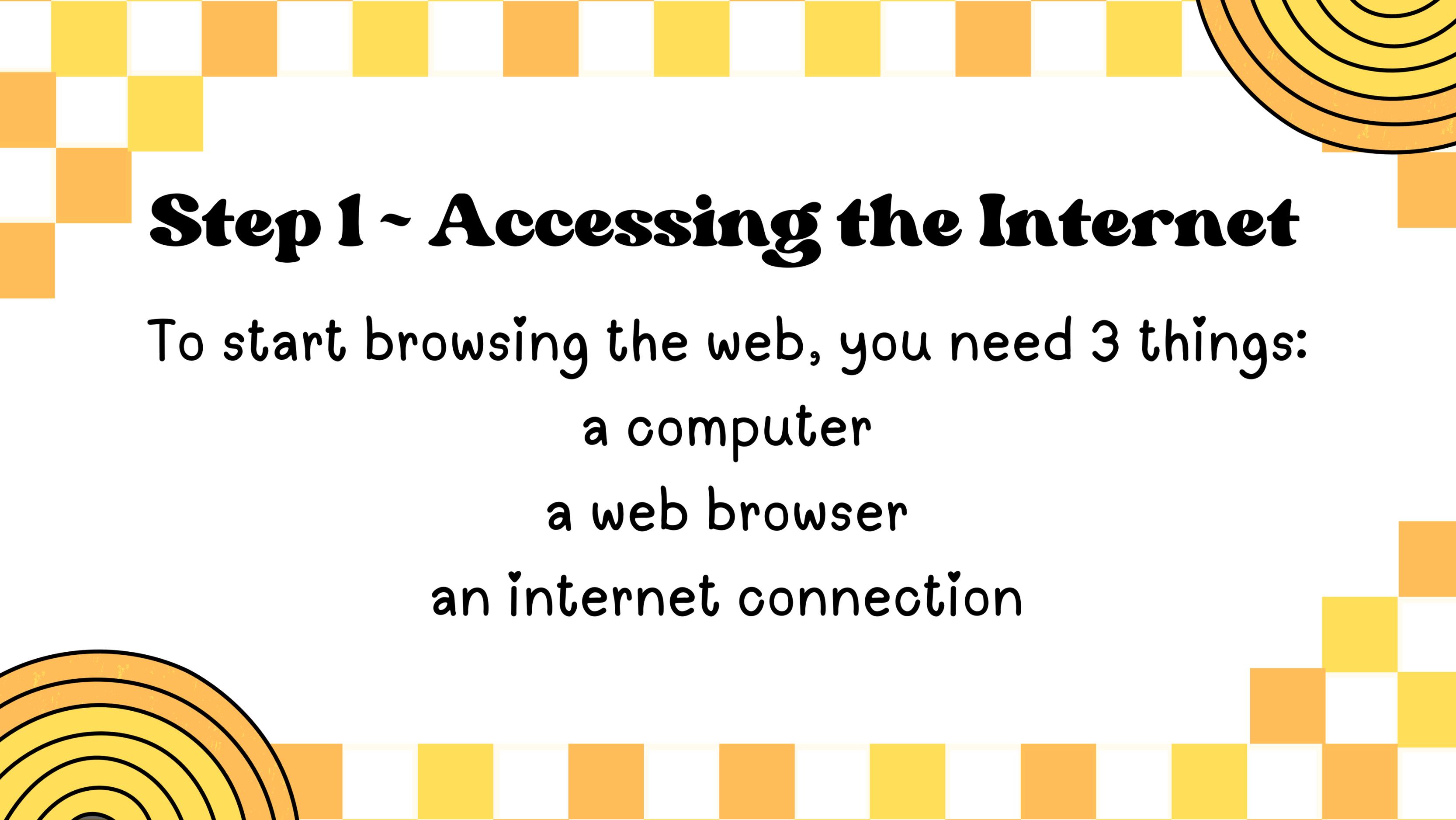
The internet allows us to access and share tons of information super fast.



# What Does That Mean?

That is a lot of words that probably don't mean a lot to you. To make things easier to understand, we are going to break it down to a step-by-step process.





# **Step 1 - Accessing the Internet**

To start browsing the web, you need 3 things:

a computer

a web browser

an internet connection

# 1.1 ~ a Computer

There are many different kinds of computers out there that you can use to access the internet. Some examples include the desktop computers in the library, a laptop, or a smartphone. Any of these devices will work





# 1.2 ~ Web Browsers

A web browser is a program or app you can use to look things up. There are many kinds, and these are just a few examples. Use whatever you are comfortable with.



## Google Chrome



[https://en.wikipedia.org/wiki/Google\\_Chrome](https://en.wikipedia.org/wiki/Google_Chrome)

## Microsoft Edge



[https://commons.wikimedia.org/wiki/File:Microsoft\\_Edge\\_logo\\_%282019%29.svg](https://commons.wikimedia.org/wiki/File:Microsoft_Edge_logo_%282019%29.svg)

## Mozilla Firefox



<https://en.wikipedia.org/wiki/Firefox>

## Safari



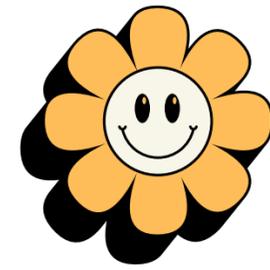
[https://logos.fandom.com/wiki/Safari\\_\(iOS\)#2017%E2%80%93present](https://logos.fandom.com/wiki/Safari_(iOS)#2017%E2%80%93present)

# 1.3 ~ an Internet Connection

There are two main ways you will connect to the internet. Most people use a Wi-Fi connection, which is wireless, but you can also use a wired connection such as an ethernet cable connected to a router.



# 1.4 ~ Our Example

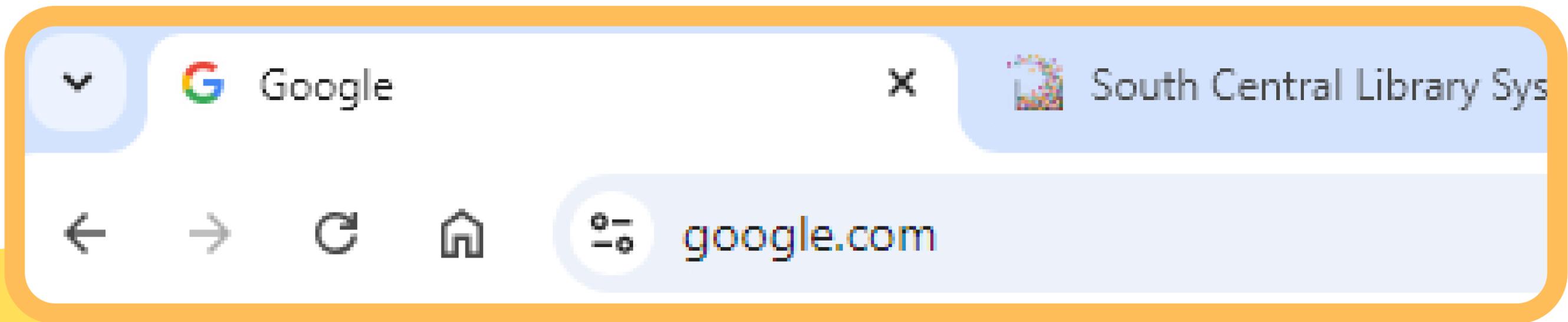


To understand how this process works, we will use the example of the library desktop, google chrome, and an ethernet cable connection to demonstrate how the internet gets us to google.com



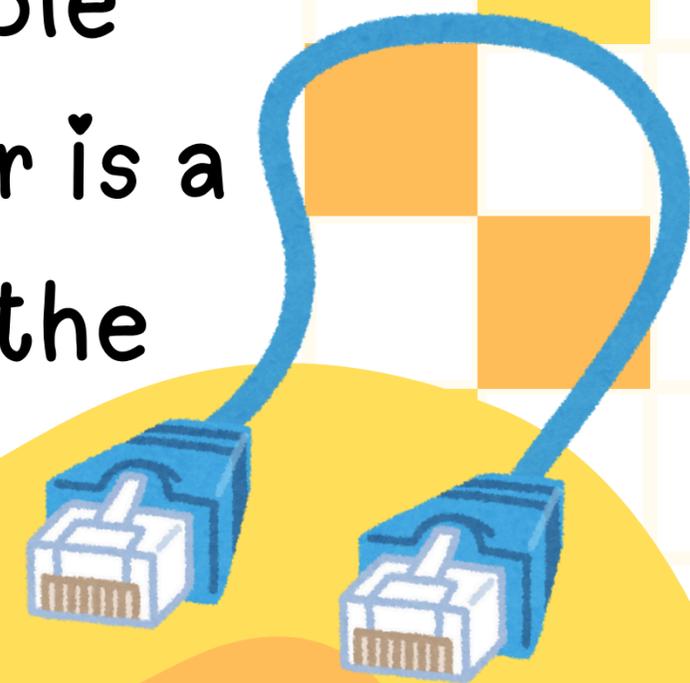
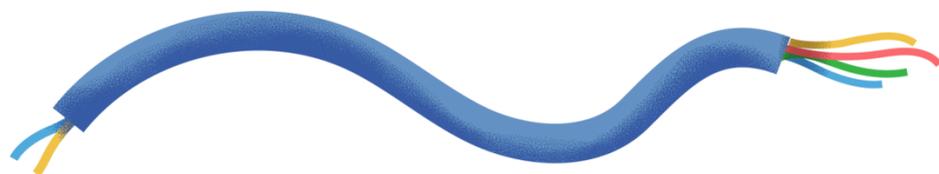
# Step 2 ~ google.com

Most internet searches start by us typing a request in the top bar. We are trying to get to google, so we type in google.com, and hit enter, like you would with any search. It should look like this.



# Step 3 - Sending your request

So now you are waiting for google to load, and in a few seconds, it pops up on your screen... but how does that happen? It's not magic! Your web browser recognized you are trying to get the google, and sends out that info, in the form of an electrical signal, out through the ethernet cable. The cable allows that info to be sent to a router. The router is a little black box that connects the computer to the net.



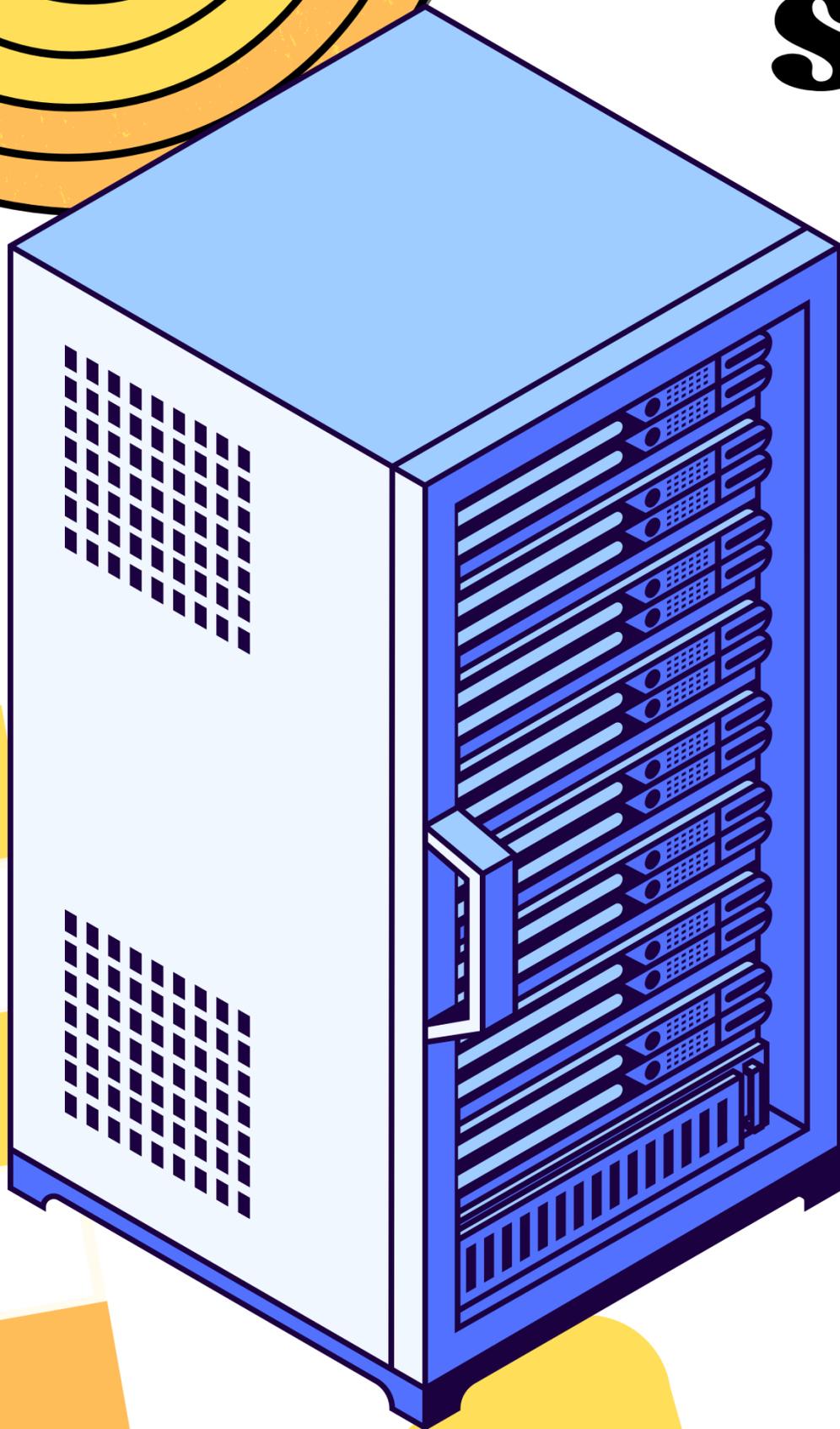
# Step 3 - Sending your request

From there, your router will read your electrical signal, send it to your modem, which will then send it out to a server. To get to a server, that electrical signal will have to travel thousands of miles at the speed of light! Servers are super big. Some server buildings are several stories tall!



# Step 4 - Processing

Servers contain all of the information you can get off the internet, including the google.com home page. Once the servers find what you were looking for, it sends back an electrical signal with the information you requested.



# Step 5 ~ Sending it Back

The information gets sent back the way it came, through cables, miles and miles back to your modem, which sends it to your router, and sends it back to your computer. It reads the electrical signal, and displays on your screen the information the server sent. So now you should be at [google.com](http://google.com)





This process is very impressive  
and technical, but we can take  
away a few things from learning  
about this process...



# The Internet is a Physical Thing

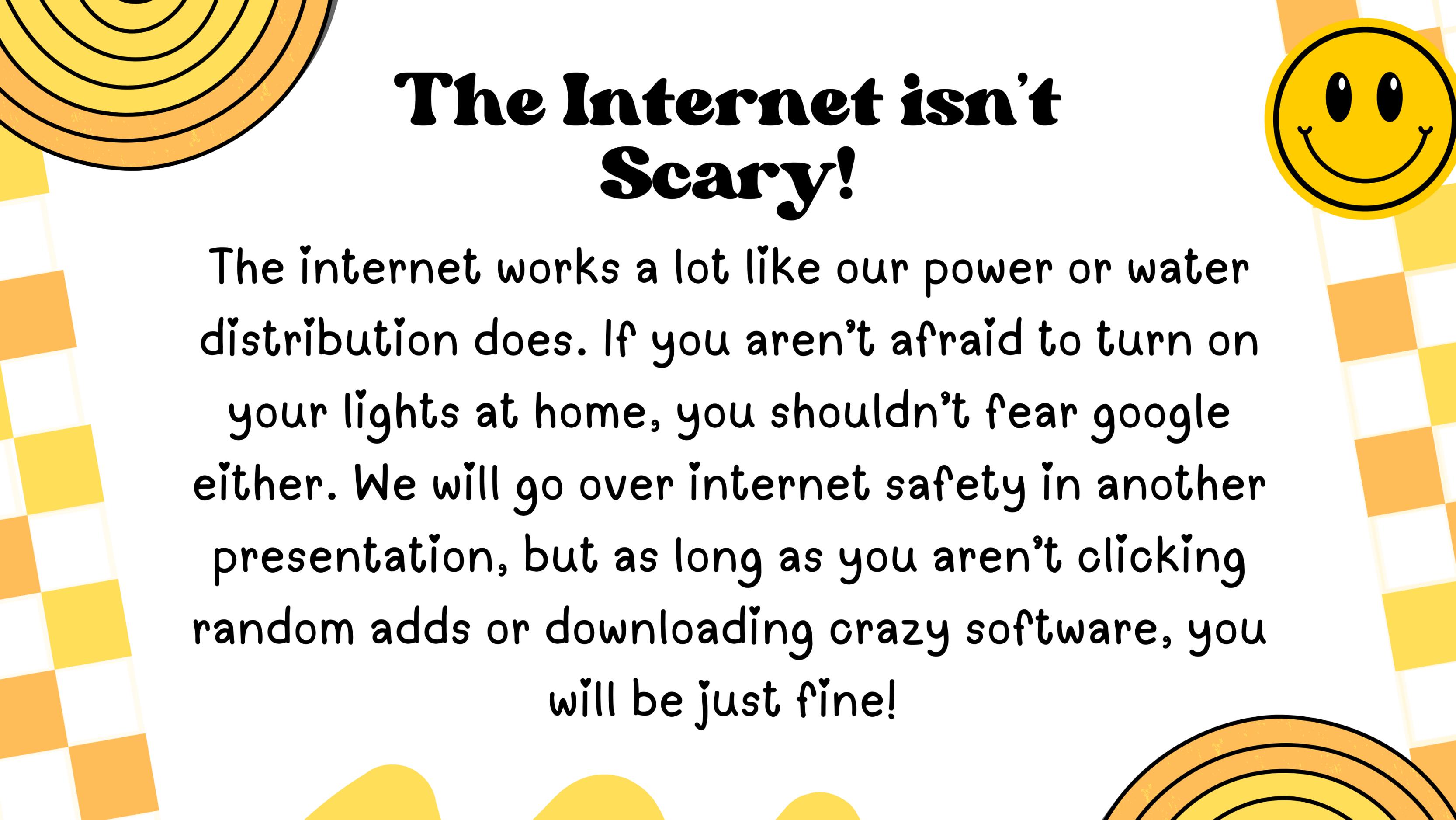
This is NOT magic! The internet is a complex technological thing that relies on wires and electricity. That means if you are having a power outage, you most likely have an internet outage. Also, routers and cables can break, and servers can only process data so fast. Sometimes the internet will be slow, and that's ok! No need to panic if something seems wrong, most things will be fixed quickly by qualified staff if there is an issue.



# Ask Questions!

Computers are complicated! Do not be afraid to ask questions if something doesn't seem to be working right. If you are having issues with your home internet, it is ok to call your internet provider. They can help troubleshoot problems.





# The Internet isn't Scary!

The internet works a lot like our power or water distribution does. If you aren't afraid to turn on your lights at home, you shouldn't fear google either. We will go over internet safety in another presentation, but as long as you aren't clicking random ads or downloading crazy software, you will be just fine!

Using the  
www





# Surfing the Web

Using your internet is super easy once you know how it works. It is mostly just using the top bar to navigate to websites. We cover using google in a different presentation, so here we are going to focus on some tips and tricks to navigating the internet and using your browser.



# Open the Browser

**Mozilla Firefox**

**Safari**

**Google Chrome**

**Microsoft Edge**



To start browsing, use one of the above applications to start up the web browser. This should open a blank page that looks something like...



Google



Outlook



(1) Facebook



Amazon Busi...



Pinterest



Alert!

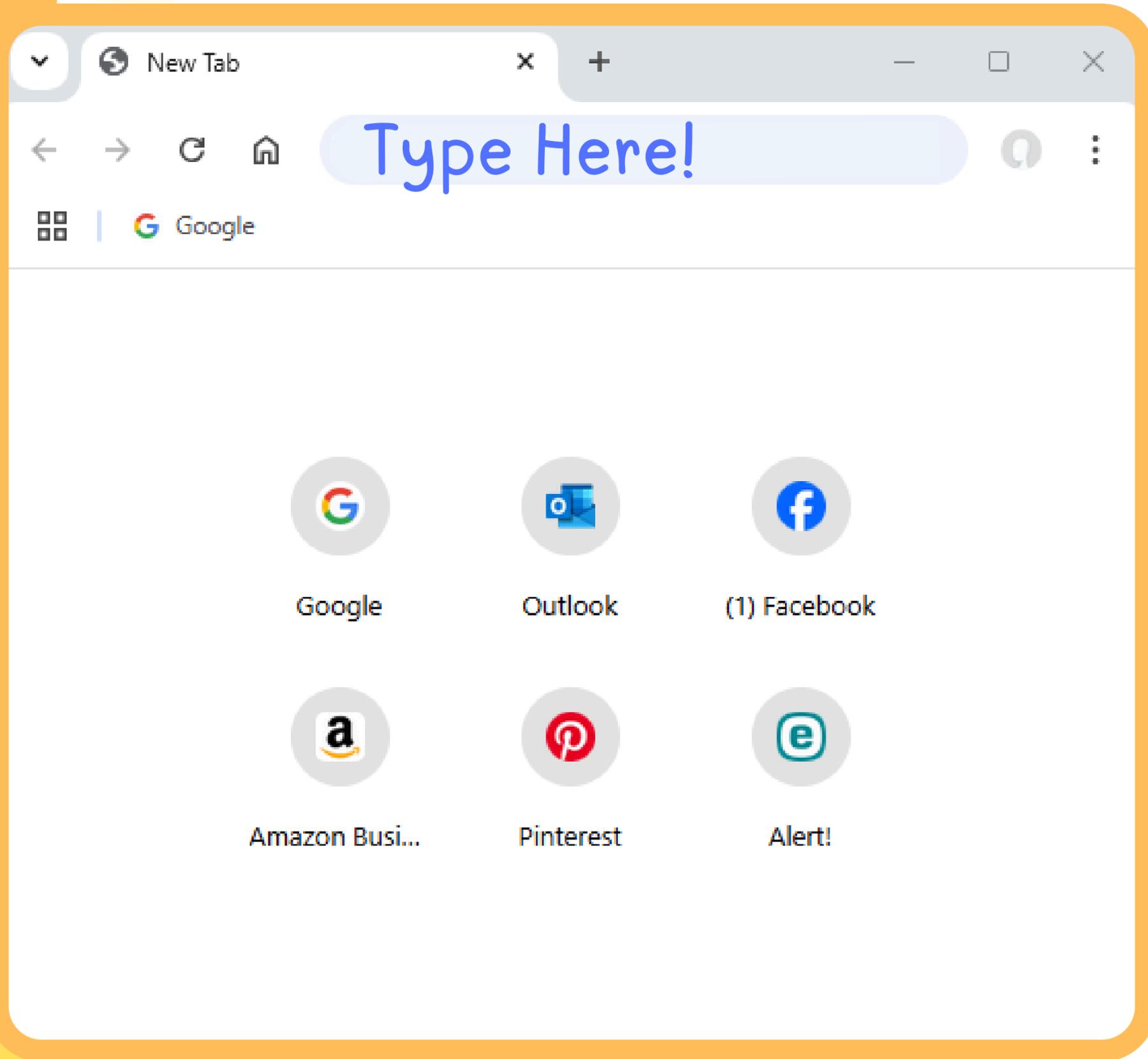


Etsy

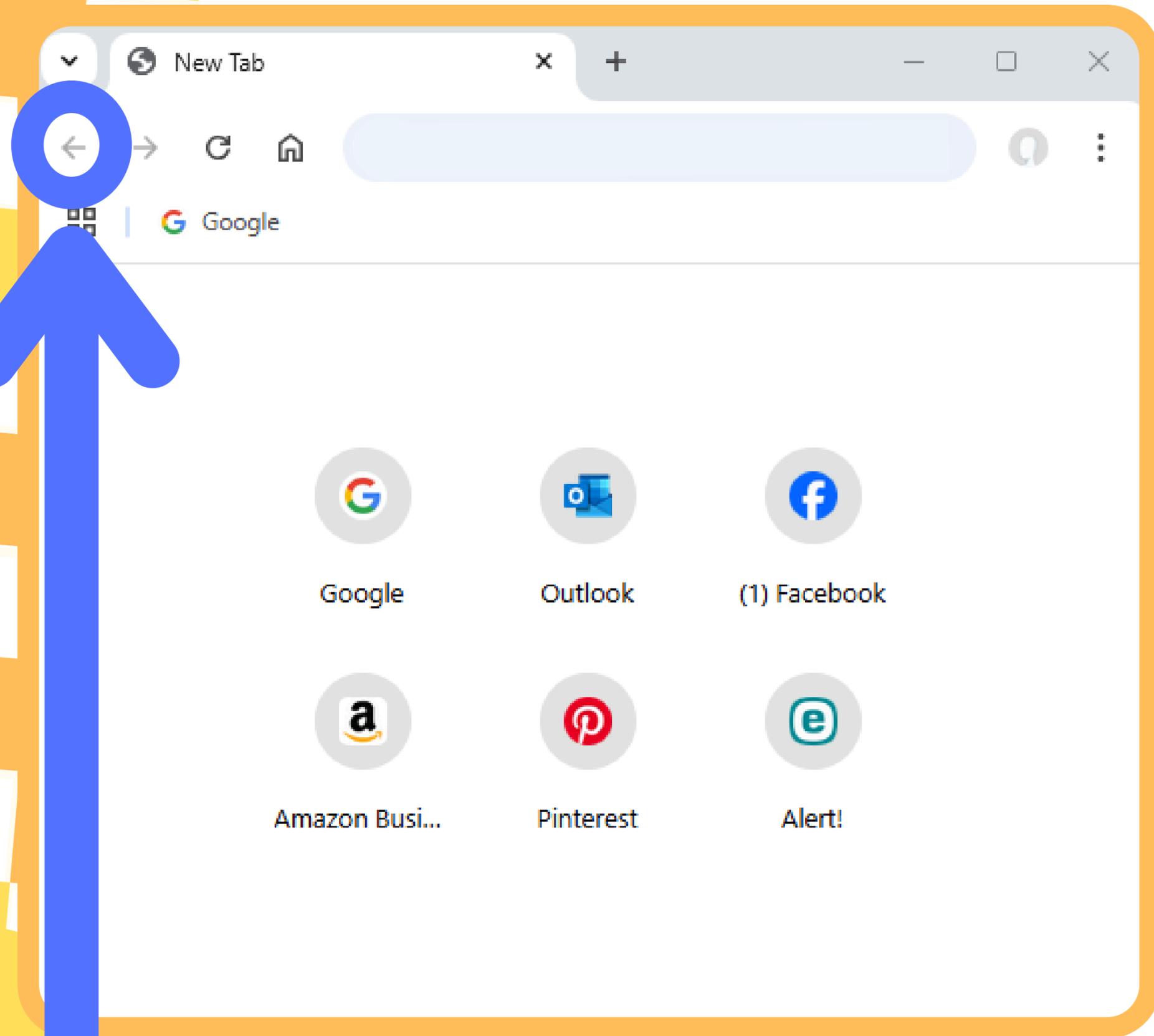


YouTube

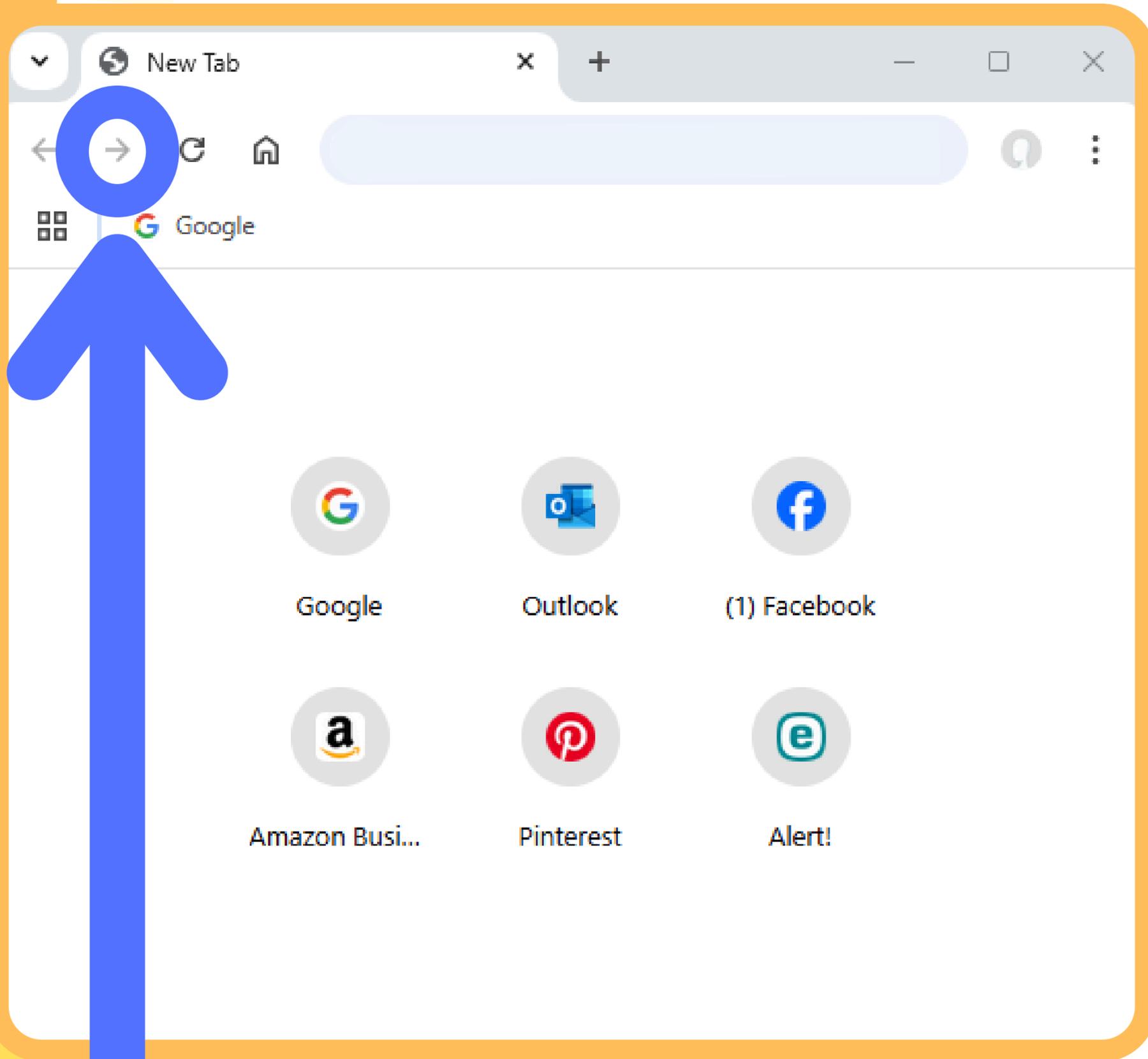
**...This!**



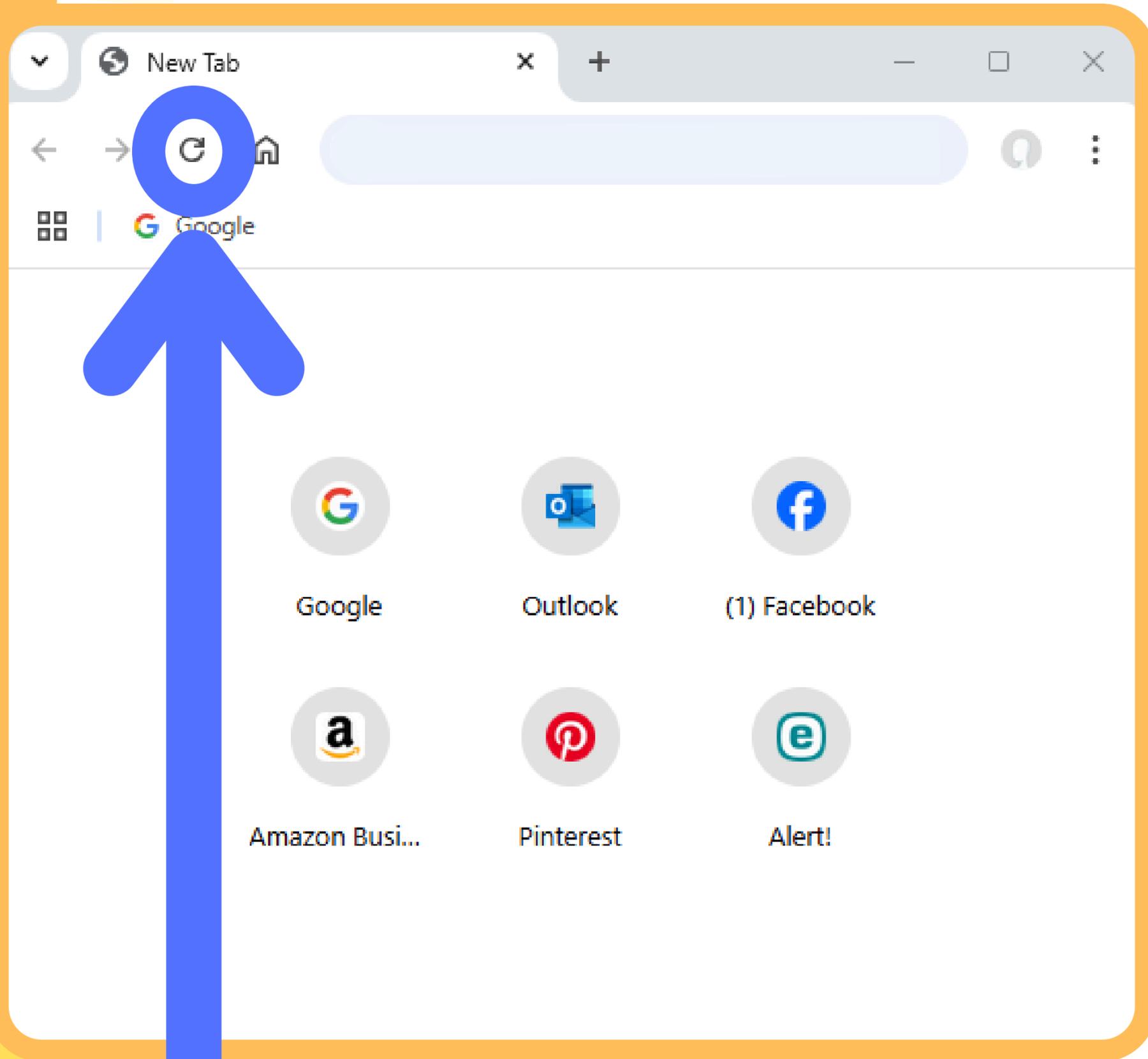
To go to a website, use the top bar to type where you want to go, then press enter!



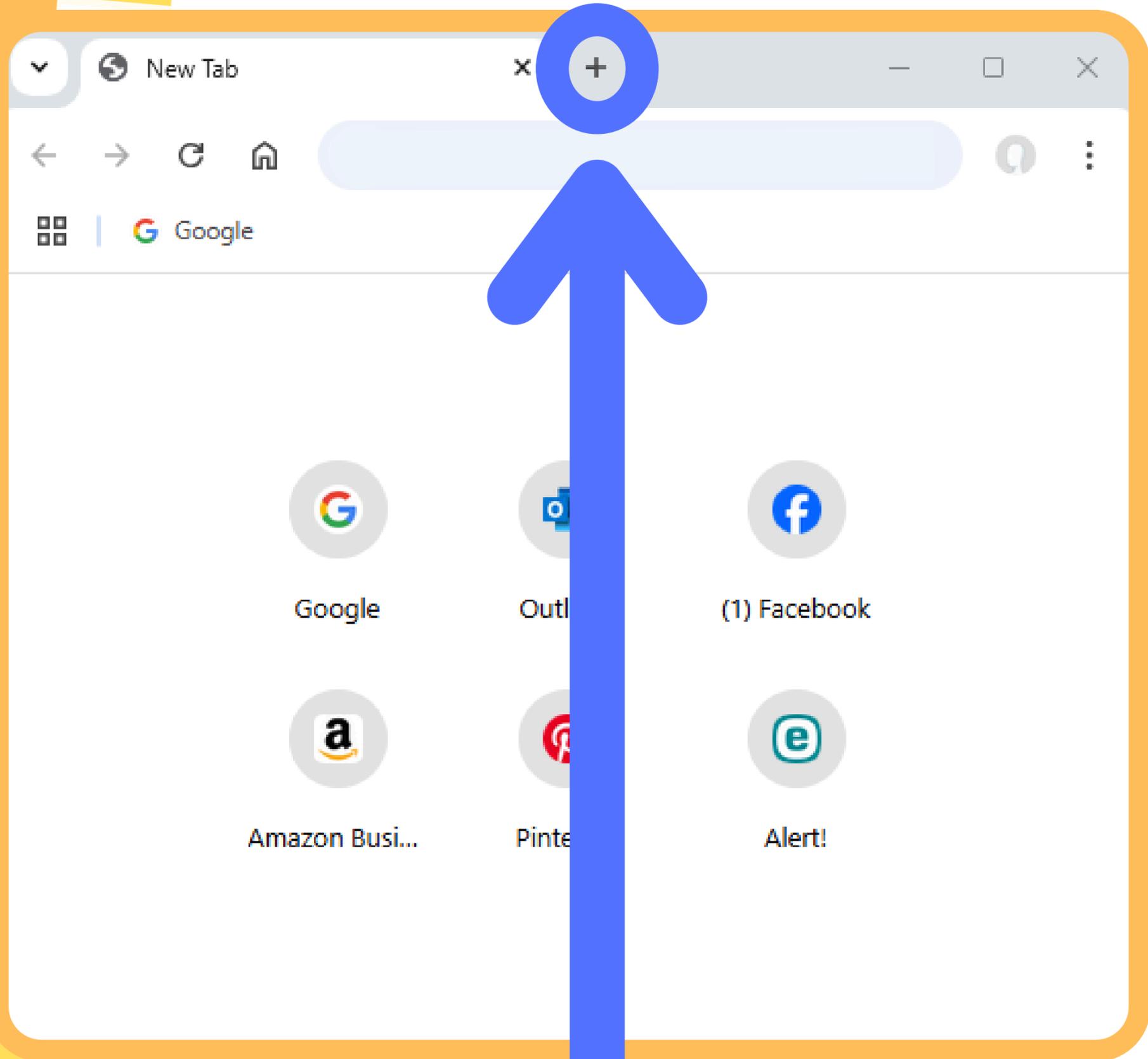
To go back to  
your last page,  
use the back  
button ← in the  
top left corner!



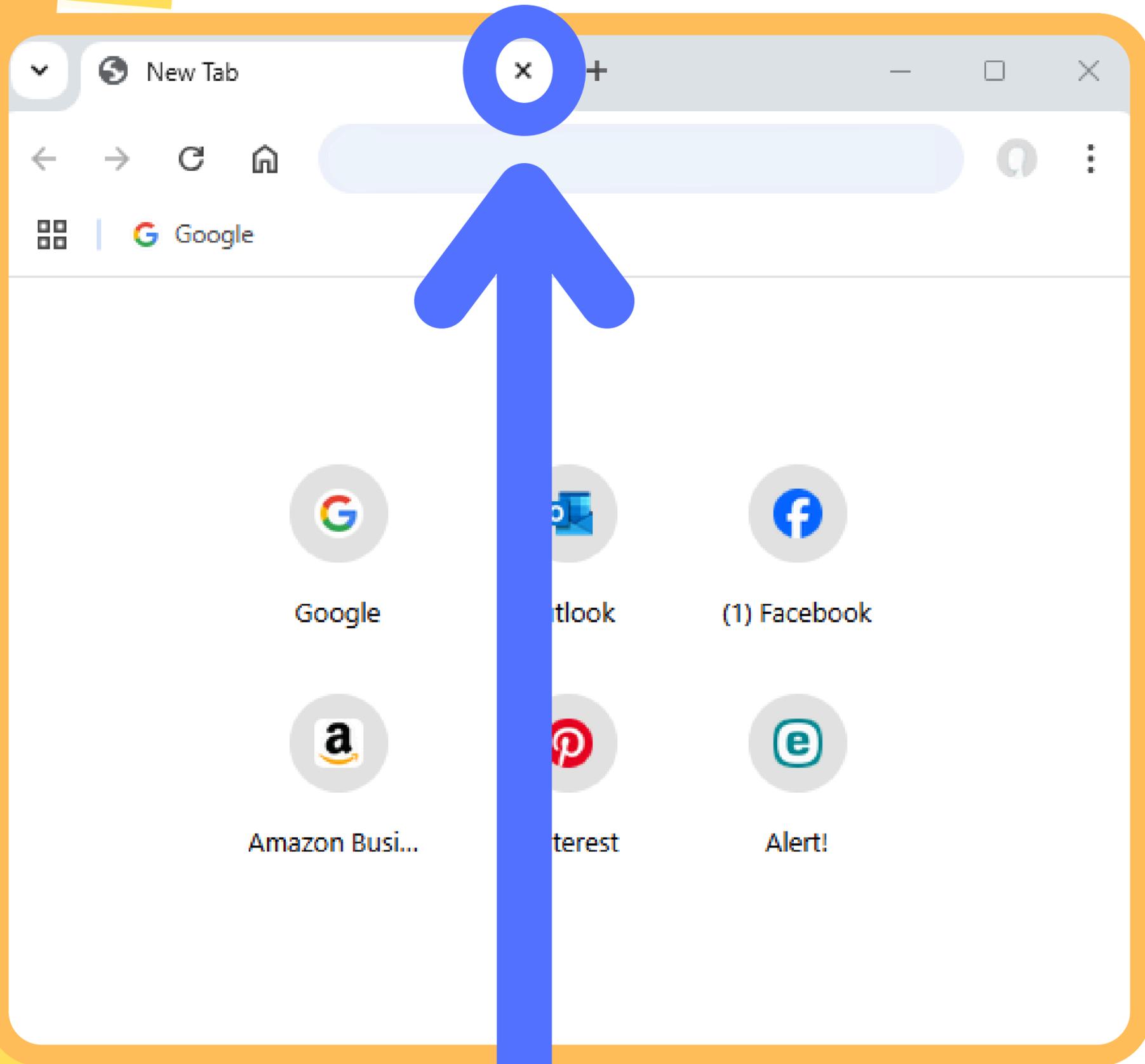
Went back too far?  
use the forward  
button → to jump  
forward a page. It's  
right next to the  
back button.



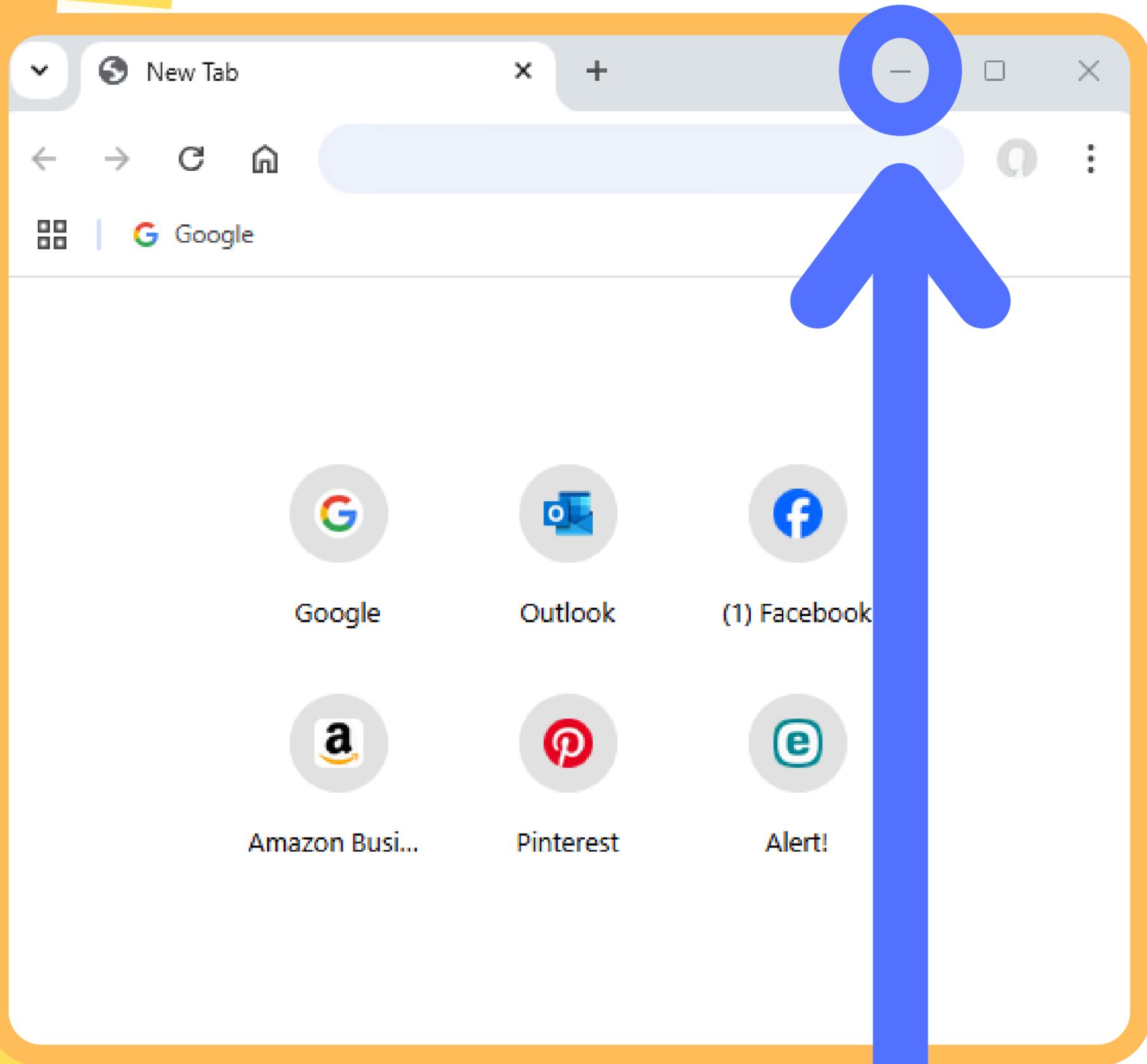
Have a page that  
won't load right?  
Try using the  
refresh  button  
to re-load.



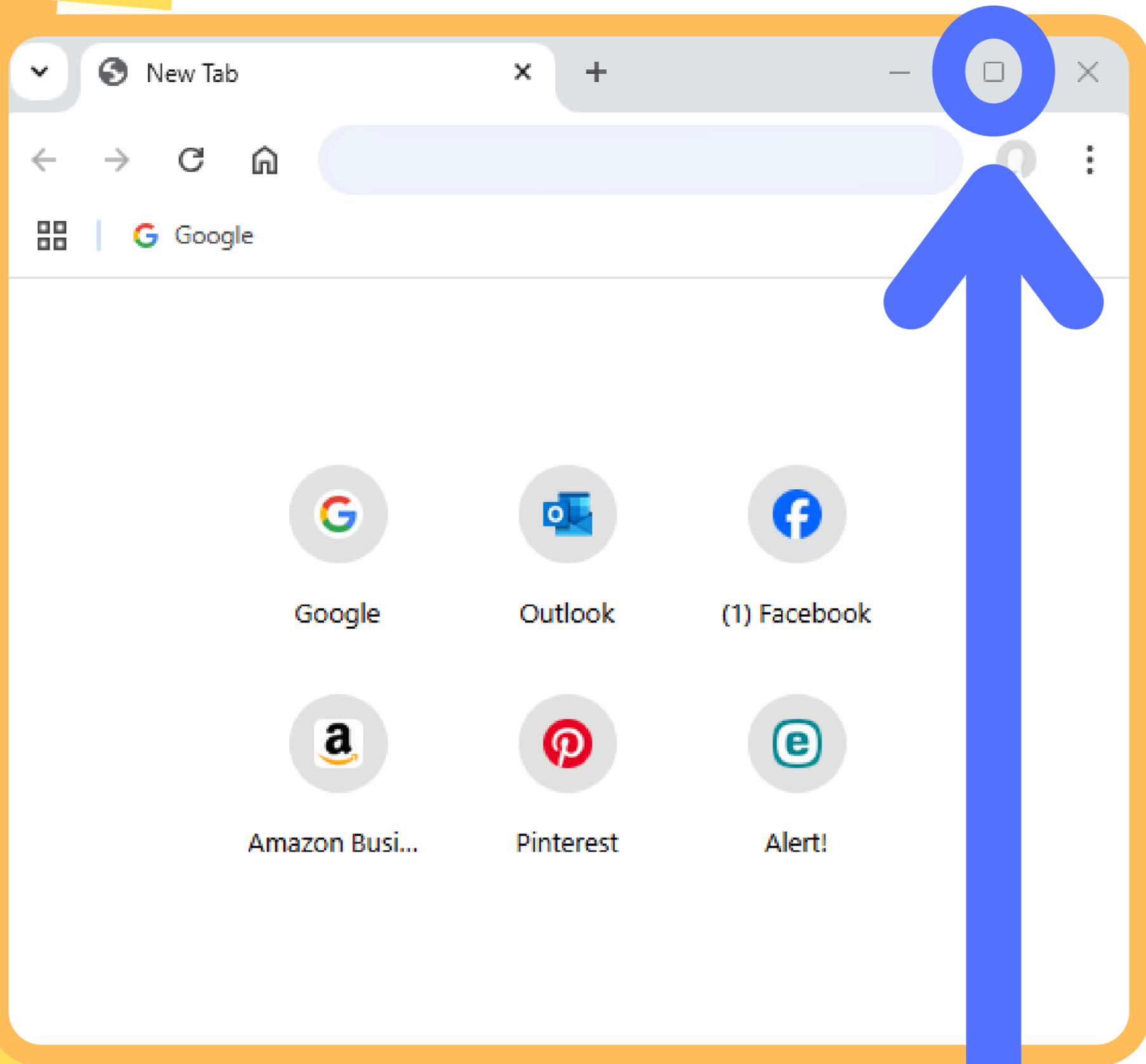
To open a new search tab so you can have 2 or more pages up at once, press the + sign above the top bar.



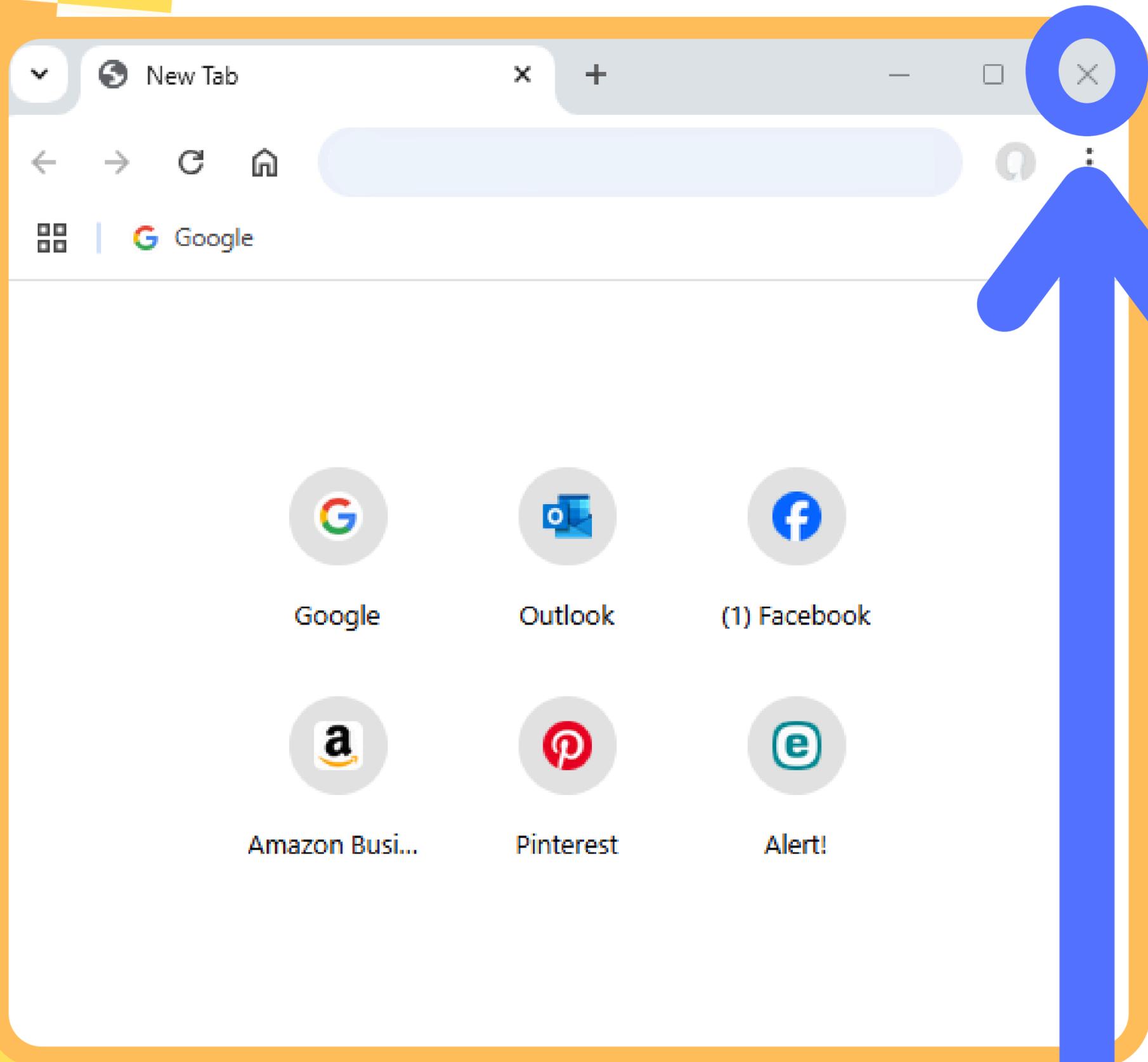
To close a tab, use the **x** button on the tab above the top bar. Make sure you are done with the tab before closing so you don't lose anything important.



To leave the browser,  
but keep it running in  
the background, use  
the minimize - button  
in the upper right  
corner. Click the  
browser icon to open  
it again



This button changes your browser from a window to a full screen view. Pressing the square  will toggle between view modes.

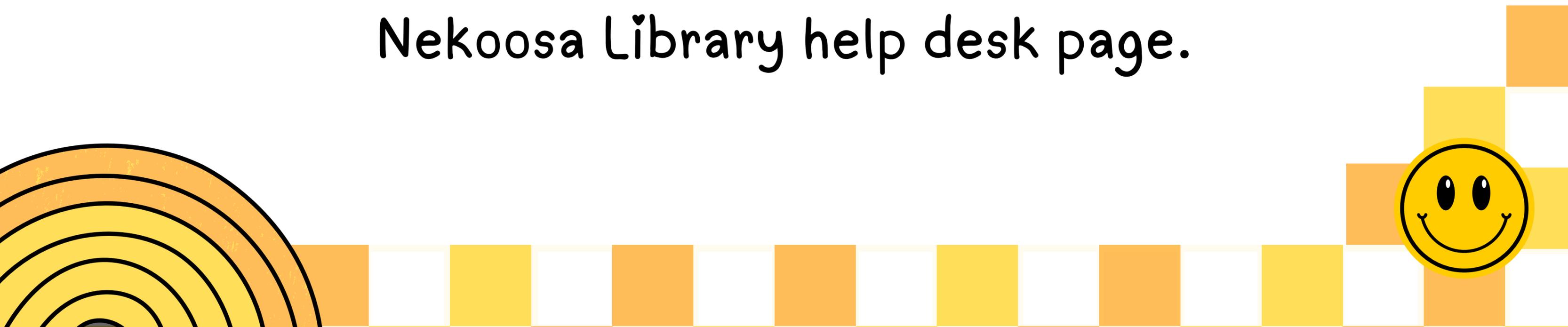


To end your search session completely, use the close **X** button in the top right corner. This will close all your tabs so only use this when you are completely done!



**And that's the basics!**

For a more detailed presentation on using  
google, or internet safety, check out the  
Nekoosa Library help desk page.

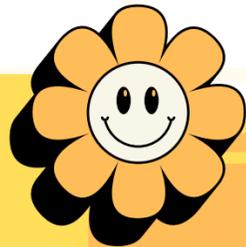


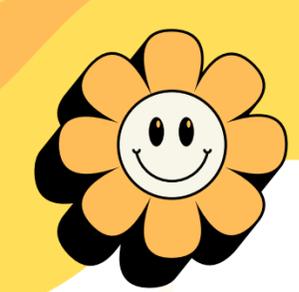
# Tech Help Page!

Thank you for checking out our internet presentation. This presentation can be found on our website along with all of our other Nekoosa Help Desk resources.



**THANK  
YOU**





# Sources

[https://www.rawpixel.com/search/  
data%20center%20workers?  
page=1&path=\\_topics&sort=curated](https://www.rawpixel.com/search/data%20center%20workers?page=1&path=_topics&sort=curated)

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mply%20called,the%20U.S.  
%20government%20in%201969.](https://www.techtarget.com/whatis/definition/Internet#:~:text=The%20internet%2C%20sometimes%20si<br/>mply%20called,the%20U.S.<br/>%20government%20in%201969.)

