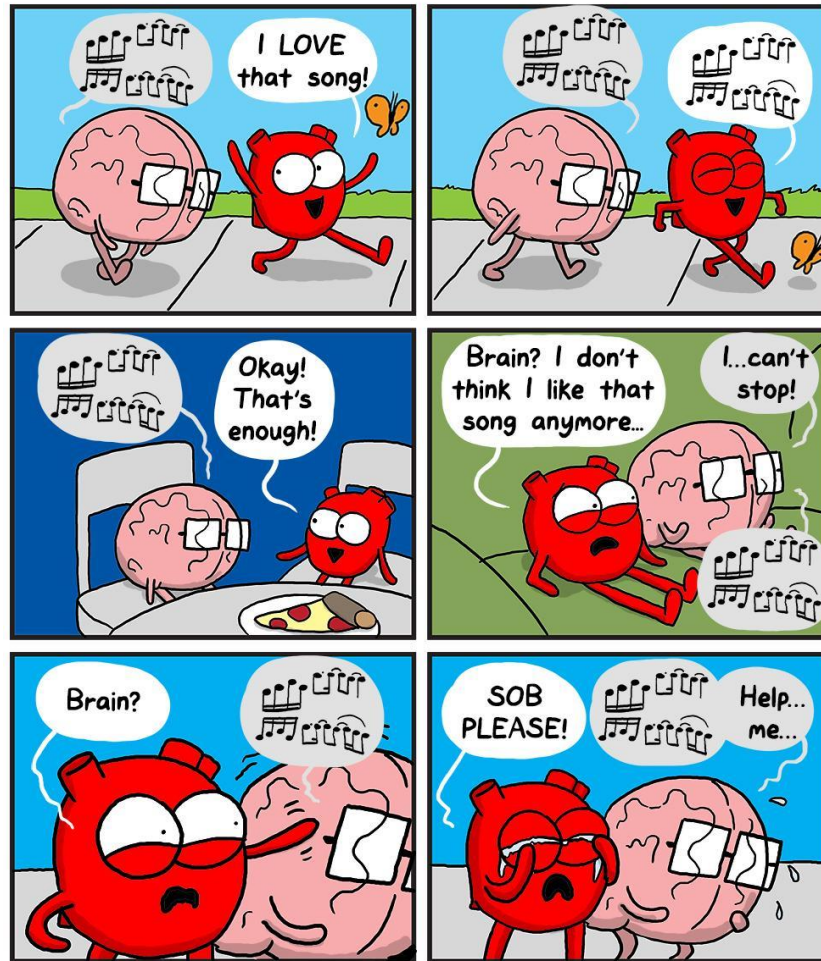


This is called an ear worm!



Function of the Nervous System

Senses

Transmits
sensory
information

Motion

Transmits
motor
information

Analyze

Interpretation
of sensory
information

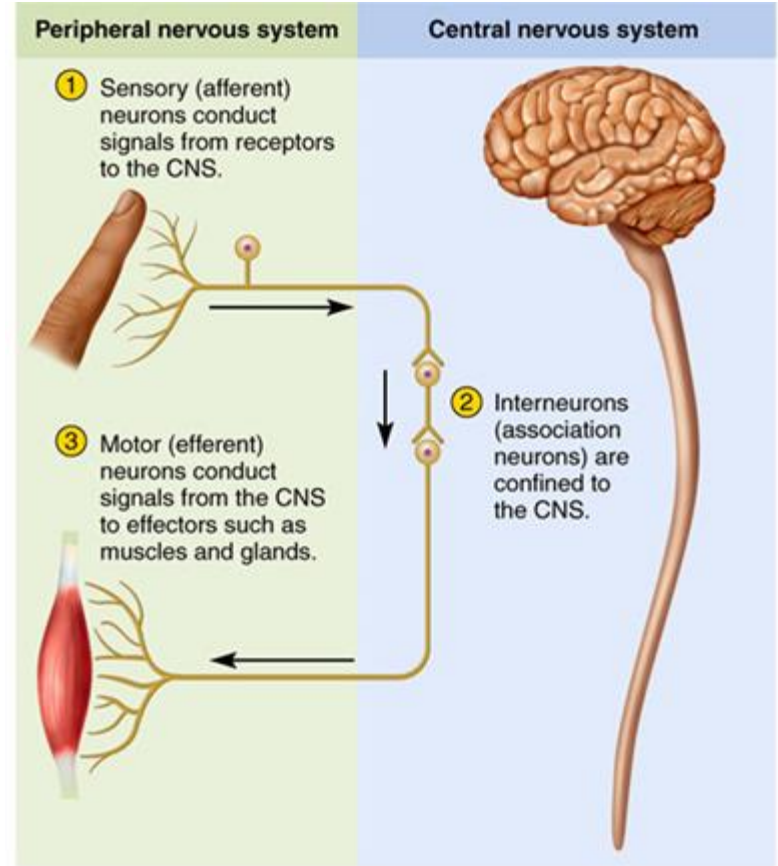
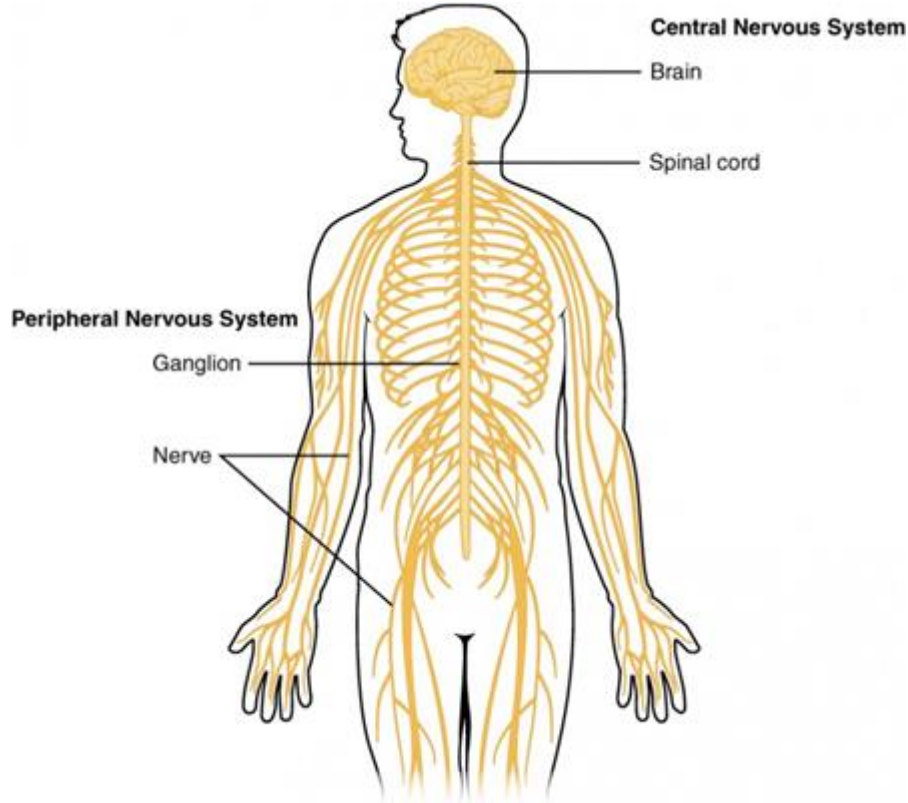
Two Parts

Central Nervous System (CNS)

- The brain and the spinal cord
- Command center of the body

Peripheral Nervous System (PNS)

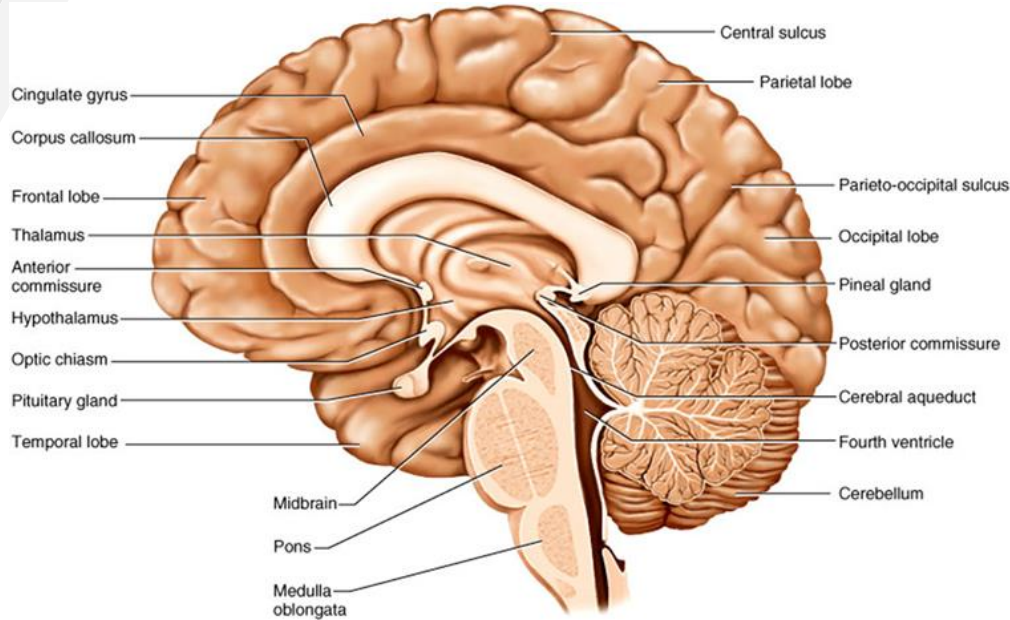
- Nerves that connect the CNS to everything else
- Sends and receives info from the CNS



Human Body Systems

System	Structure (organs or parts)	Function (what each organ or part do)
Digestive		
Excretory		
Circulatory		
Integumentary		
Skeletal		
Nervous		
Respiratory		
Musculary		

The Brain



Responsible for reasoning, thought, memory, body functions, senses, balance...

Controls everything in the body

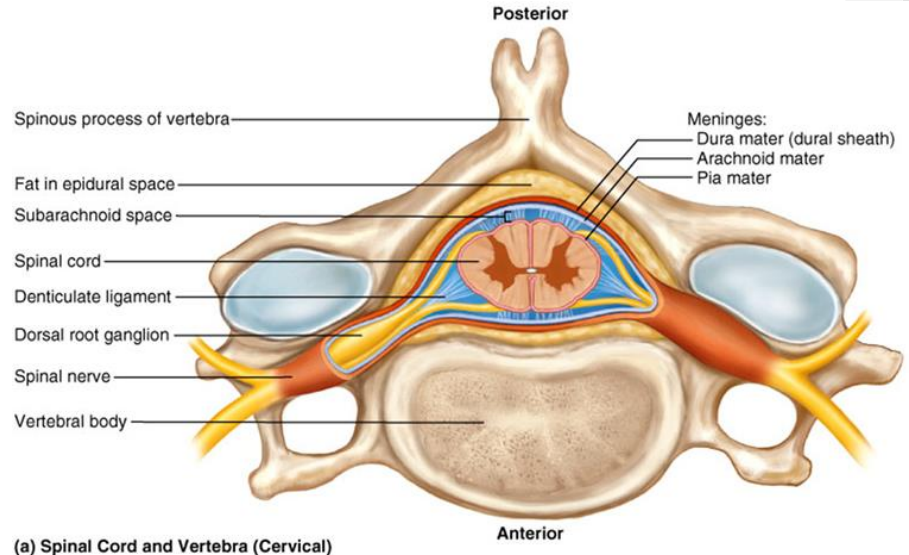
The Spinal Cord

Attached to the brain and extends to the lower back

Sends sensory and motor information to and from the brain

Protected by vertebrae

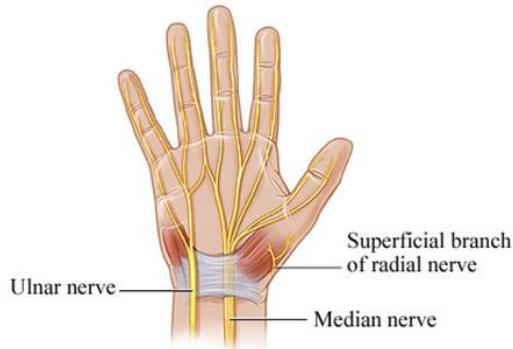
Responsible for reflexes



Nerves and Neurons

Nerves

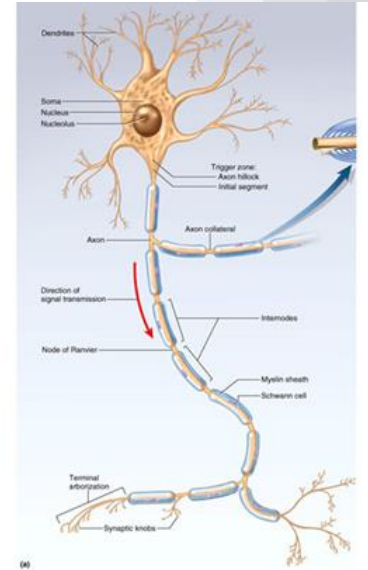
- In the PNS
- Carries messages between the CNS and the body



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Neurons

- In the CNS
- Also called nerve cells
- Allows for short response times to changes in the body



(6)



A decorative border consisting of multiple parallel lines forming a large, light gray diamond shape around the central text.

**Try these
activities!**

1. Complete each of these tasks

1. Pretend to bounce a ball in the air
2. Write your name in the air
3. Stand up and take a step forward
4. Lift one foot
5. Cup your hand to your ear to listen

Did you use your right or left hand for these?
Did you use your right or left foot for these?

BLUE

GREEN

YELLOW

PINK

RED

ORANGE

GREY

BLACK

PURPLE

TAN

WHITE

BROWN

2. Name the **color** of the words, not the words themselves.

How did you do?

3. Read this paragraph

THE PAOMNNEHAL PWEOR OF THE
HMUAN MNID. Aoccdrnig to a rscheearch
at Cmabrigde Uinervtisy, it deosn't
mttaer in waht oredr the ltteers in a wrod
are, the olny iprmoatnt tihng is taht the
frist and lsat ltteer be in the rghit pclae.
The rset can be a taotl mses and you can
sitll raed it wouthit porbelm. Tihs is
bcuseae the huamn mnid deos not raed
ervey lteter by istlef, but the wrod as a
wlohe.

Interesting Note:

According to research at Cambridge University, it doesn't matter in what order the letters in a word are, the only important thing is that the first and last letter be in the right place. The rest can be a total mess and you can still read it without problem. This is because the human mind does not read every letter by itself, but the word as a whole."

4. Look at these letters for one minute and try to memorize them. You have a minute.

P-S-B-F-E-X-U-F-O-V-I-P-L-A

What letters do you remember?

**Now the same letters
will be regrouped.**

**Take another minute
to memorize them.**

4. Look at these letters for one minute and try to memorize them. You have a minute.

PS-BF-EX-UFO-VIP-LA

What letters do you remember?

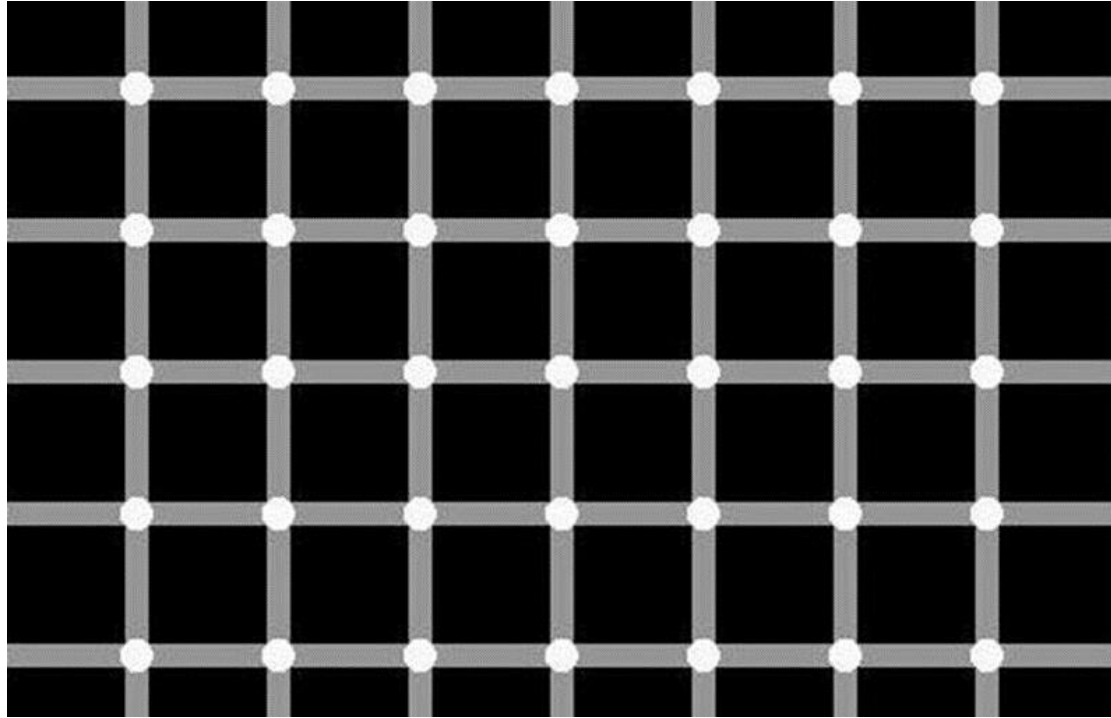
**Which way was easier
for you to memorize?**

5. Memorize everything
you can from this picture.
You have a minute.

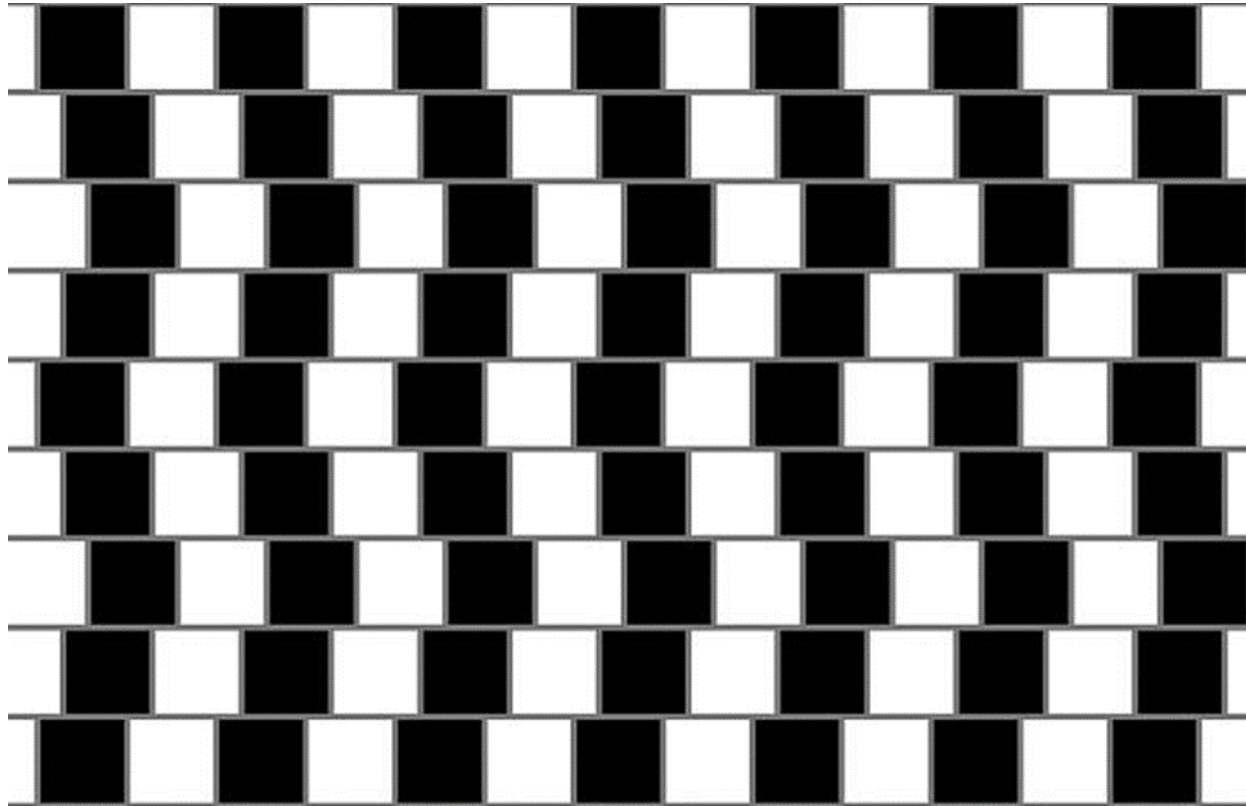


What do you remember?

6. Describe what you see here.



Describe what you see here.



Review of Activities

1.

Which hand and foot was dominant for you?

2.

Stroop Effect is how processing time can be improved

3.

Pattern recognition is super helpful

4.

Grouping for a memory technique

5.

What you remember is personal

6.

Your brain lies to you quite often

Explore More!

Check out the post in Google Classroom if you need to learn more.

Explore more

- Information on the nervous system:
<https://kidshealth.org/en/teens/brain-nervous-system.html>
- Facts and information: <https://www.livescience.com/22665-nervous-system.html>
- Neuroscience for kids:
<https://faculty.washington.edu/chudler/introb.html>
- Diseases of the nervous system:
<https://flexbooks.ck12.org/cbook/ck-12-biology-flexbook-2.0/section/13.19/primary/lesson/nervous-system-disorders-bio/>
- Make models of the parts of the nervous system:
<https://faculty.washington.edu/chudler/chmodel.html>

https://www.youtube.com/watch?v=qPix_X-9t7E

<https://www.youtube.com/watch?v=-nH4MRvO-10>

Brain Anatomy

