

BOOST



BOOST Close  
Reading



# TEXT STRUCTURE *Tuesday*

Date: \_\_\_\_\_

Yay! You came back to school today! Give yourself a pat on the back simply for being here. ☺

## PUMPKIN POLLINATORS

Squash bees are a type of bee responsible for pollinating your favorite pumpkin patch. Pollination is the process of transferring pollen from a male plant part to a female plant part. Once a flower has been pollinated, then it can begin the process of fertilization, which is necessary for reproduction and making even more of that type of plant. As you can see, pollination is vital to reproduction. While honeybees, bumblebees, and other pollinating insects help to pollinate pumpkins, squash bees begin pollinating early in the morning when the squash blossom begins to open. Other pollinating insects will not show up until later in the morning. These hardworking bees carry most of the workload for pollinating the delicious pumpkins we enjoy during this time of year.



Which of the following best explains why **pollination** is important?

- a. A plant depends on pollination to get nutrients.
- b. A plant depends on pollination to reproduce.
- c. A plant depends on pollination to get sunlight.
- d. A plant depends on pollination to continue to grow.



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# MATCH the MEANINGS

Base  
Word:

help

Highlight the word in each sentence that contains the base word. Read the sentence. Determine which meaning best defines the word you underlined. Drag the letter to each box.

He helpfully picked up the blocks when his little sister was done playing.

My class has a lot of great helpers.

It was very unhelpful when my sister dumped out all of the toys while I was trying to clean.

- A. a person that helps
- B. in a way that provides help
- C. not helpful

A

B

C

# DAILY DOSE OF EDITING

#17

## 1 EDIT



Draw a line under each of the FIVE mistakes.

for my burthday I got presents, ate cake and  
played fun games with my freinds.

## 2 FIX



Rewrite the sentence with the corrections made.

## 3 STRENGTHEN & ELABORATE !

Use part of the sentence, but make some changes. Use more detail to make it stronger.

# 05:00

Open the **Vocab App**.





## Oath-noun

Doctors swear an oath to never cause any harm to their patients.

The President swears an oath to uphold the Constitution and protect the citizens of the United States.



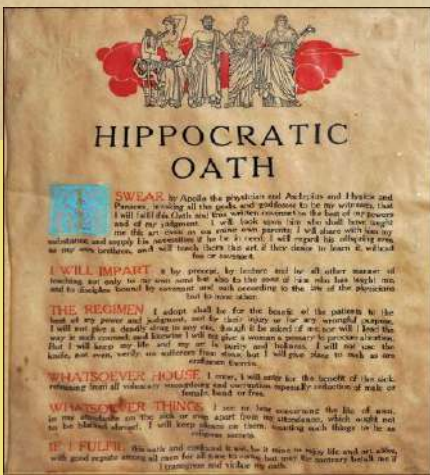
Did Po uphold his duties of being the Kung Fu Master? Did he follow the oath?



late the 1?

fig. 1: aedes aegypti

fig. 1: *aules aegypti*



# tenet

*noun* | TEN-ut

a principle or belief held by a group



Read the Chapter Notes to determine how the timing of the infected mosquito bite would impact yellow fever transmission.

## Chapter Notes

...germs had to stay in the mosquito's body:

Scientists now know that after the mosquito sucks in the yellow fever germ, a series of changes takes place in the insect's cells over the course of seven to seventeen days that allow the germ to enter the mosquito's salivary glands (the glands that produce saliva). When the mosquito bites again, it pumps this germ-laden saliva into its new victim. The germ can also enter the mosquito's eggs during this period, and that allows the bug to pass on the infection to a new generation of insects.

...weather had somehow affected the mosquitoes:

Although cold may affect the amount of time the yellow fever germ has to stay inside a mosquito before that insect can infect another individual, Pierce and Wriener have pointed out that some of the early experiments may not have worked because the mosquitoes were not properly-infected. Scientists now know, as the Reed team did not, that an insect must bite a yellow fever victim in the first three days of the illness in order to pick up the germ that causes the disease.

1. The mosquito had to have the yellow fever virus in its system between 7 and 17 days for the mosquito to be able to infect a human with its sting.
2. The germ ridden saliva then goes into the new victim when they bite again
3. The mosquito can pass the germ to their eggs (offspring)
4. Weather might affect how long the germ has to stay inside the mosquito before they can infect anyone else. In prior experiments they might've not been properly infected yet.
5. A mosquito has to bite a yellow fever victim within the first 3 days of their illness in order to pick up the germ.

## Dr. Lazear's Mosquito Experiment



Healthy mosquitoes hatch from tiny, cigar-shaped eggs kept in water.



Mosquito uses proboscis to draw blood from yellow fever victim within 3 days of infection.



Mosquito becomes infected with yellow fever.



Test subject observed for signs of successfully transmitted disease.



Dr. Lazear allows infected mosquito to bite healthy test subject around 12 days after mosquito becomes infected.

Now that we have concluded our experiments at Camp Lazear and demonstrated that we now know the answer to The Secret of the Yellow Death, we are going to step back for a moment to evaluate the methods that Dr. Reed used during his experiments.

We will be reading and discussing an ancient and very important document: the Hippocratic oath. The modern Hippocratic oath is a pledge that medical students make when they graduate from medical school and become doctors. The version we will use today is called "The Physician's Pledge" and was created in 1948. Are there other kinds of pledges or oaths that you're familiar with, for example, the Pledge of Allegiance, Girl Scout or Boy Scout oaths?





## Groups- Dilling/Knipe

Row 1	Row 2	Row 3	Row 4	Back Table
1-3	4-7	8-10	11-13	12-13

Hippocratic Oath	Paraphrase
1. I SOLEMNLY PLEDGE to dedicate my life to the service of humanity;	
2. THE HEALTH AND WELL-BEING OF MY PATIENT will be my first consideration;	
3. I WILL RESPECT the autonomy and dignity of my patient;	

4. I WILL MAINTAIN the utmost respect for human life;

5. I WILL NOT PERMIT considerations of age, disease or disability, creed, ethnic origin, gender, nationality, political affiliation, race, sexual orientation, social standing, or any other factor to intervene between my duty and my patient;

6. I WILL RESPECT the secrets that are confided in me, even after the patient has died;

7. I WILL PRACTICE my profession with conscience and dignity and in accordance with good medical practice;



8. I WILL FOSTER the honour and noble traditions of the medical profession;

9. I WILL GIVE to my teachers, colleagues, and students the respect and gratitude that is their due;

10. I WILL SHARE my medical knowledge for the benefit of the patient and the advancement of healthcare;

11. I WILL ATTEND TO my own health, well-being, and abilities in order to provide care of the highest standard;

12.  
I WILL NOT USE my medical knowledge to violate human rights and civil liberties, even under threat;

13. I MAKE THESE PROMISES solemnly, freely, and upon my honor.

## Main Points of the Hippocratic Oath:

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- **Help the World Medical Community**

Doctors show respect to those who have passed on medical knowledge, and share their medical knowledge with the next generation.

- **Respect the Individual Patient Care**

Respect is given to the patients.

- **Do No Harm**

Doctors treat patients to the best of their abilities to prevent unnecessary pain and suffering.

We'll do cards 1 & 2  
together, and then 3 will  
be independent





In a debate, what is the strongest argument you would make to support your claim that Reed did or did not uphold the code of the Hippocratic oath? In 4–6 sentences, describe your argument and the key piece of evidence you would use to support that argument.

10:00

GRADED  
WRITING- Card  
4

I do/not believe that Dr. Reed followed the Hippocratic oath. The part of the oath he upheld/violated was \_\_\_\_\_. I know he upheld/violated the oath because in the text it says, “\_\_\_\_\_.” This clearly shows \_\_\_\_\_.

Done?

Work on BOOST,  
IXL, or Silently  
Read

