## SHOULD I GET THE PFIZER VACCINE?

## WHAT IS THE PFIZER VACCINE?

• The mRNA within the vaccine enters the immune cells after injection. The immune cells use the mRNA in the virus to create "a harmless protein piece called spike protein." The "cell break down instructions" and removes the "spike protein." The protein is then put on top of the cell's surface for the immune systems to identify the foreign substances, and build antibodies against the virus. Therefore, if the person comes into contact with the virus the body is prepared to respond.



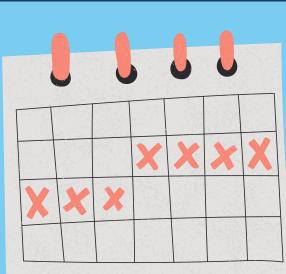
• Vaccine will be **COVERED** by U.S. taxpayer dollars.



- 2 doses are required for it to be effective
- 21 days until the second shot
- History of severe allergic reaction are advised not to received vaccine.
- Authorization has been given to ages 16 or older.
- Given on the upper arm muscle area
- Side effects to the arms are pain, swelling and redness.
- Side effects are mild to severe headache, chills, tiredness and fever.
- Symptoms are **more prominent on the second shot**.
- If unsure to take the vaccine due to health circumstances, make sure to consult with your doctor.

## WHEN WILL WE REACH HERD IMMUNITY?

- At least 70% or 80% of the US population of 330 million have to be vaccinated in order to achieve herd immunity," stated by "Moncef Slaoui, the chief scientist of federal vaccine distribution program."
- It won't eradicate the virus immediately, but prevents it from rapidly spreading.
- It is undetermined at the moment of when the virus will end.



## WHICH ONE IS BETTER?

- The **Pfizer vaccine** has a **95% effectiveness rate** and has been approved in three countries.
- Moderna has a 94% effectiveness rate and has applied for FDA approved in two countries.
- AstraZeneca has a 70% effectiveness rate and plans to apply to FDA approval in three counties.

