

## SPECIAL THANKS

TO THE CONTRIBUTIONS FROM:
ALEX HOWEY
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AND NICHOLE DANTZLER





## LEARN ABOUT VACCINES WITH

THE IMMUNIZER
THEY/ THEM
LIKES TO HEAL &
TEACH



## TOPICS:

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WHAT VACCINES DO

4-5

HOW MANY DOSES
YOU NEED

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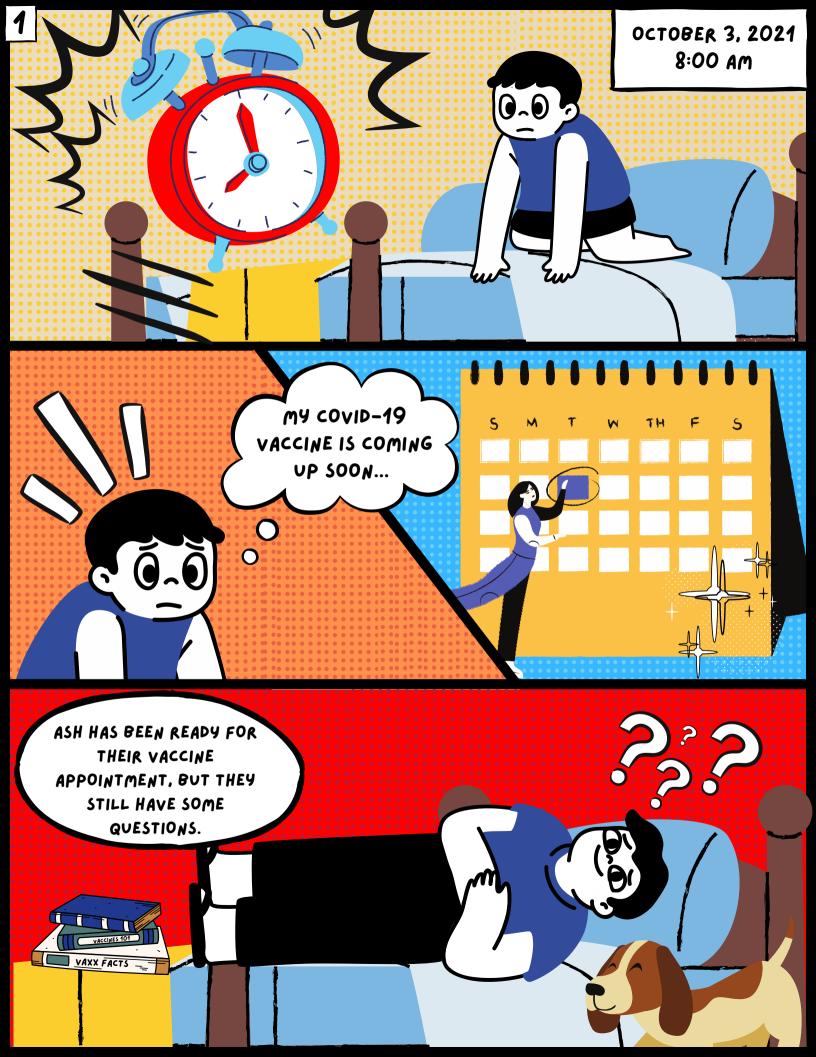
ASA, SHE/HER
17 YEARS OLD
ASH: SISTER
LOVES HISTORY

LETS BEGIN!

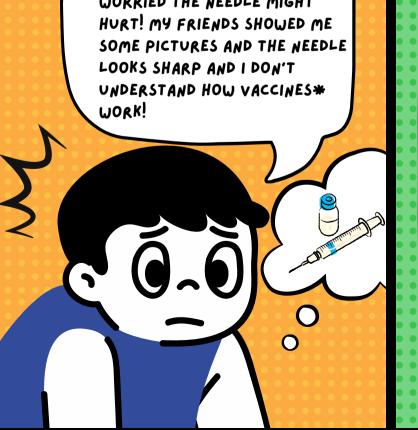
SCRUFFY, HE/HIM, 2 YEARS OLD, RAISED BY ASH LIKES TO RUN, EAT, AND SLEEP

DOCTOR, SHE/HER

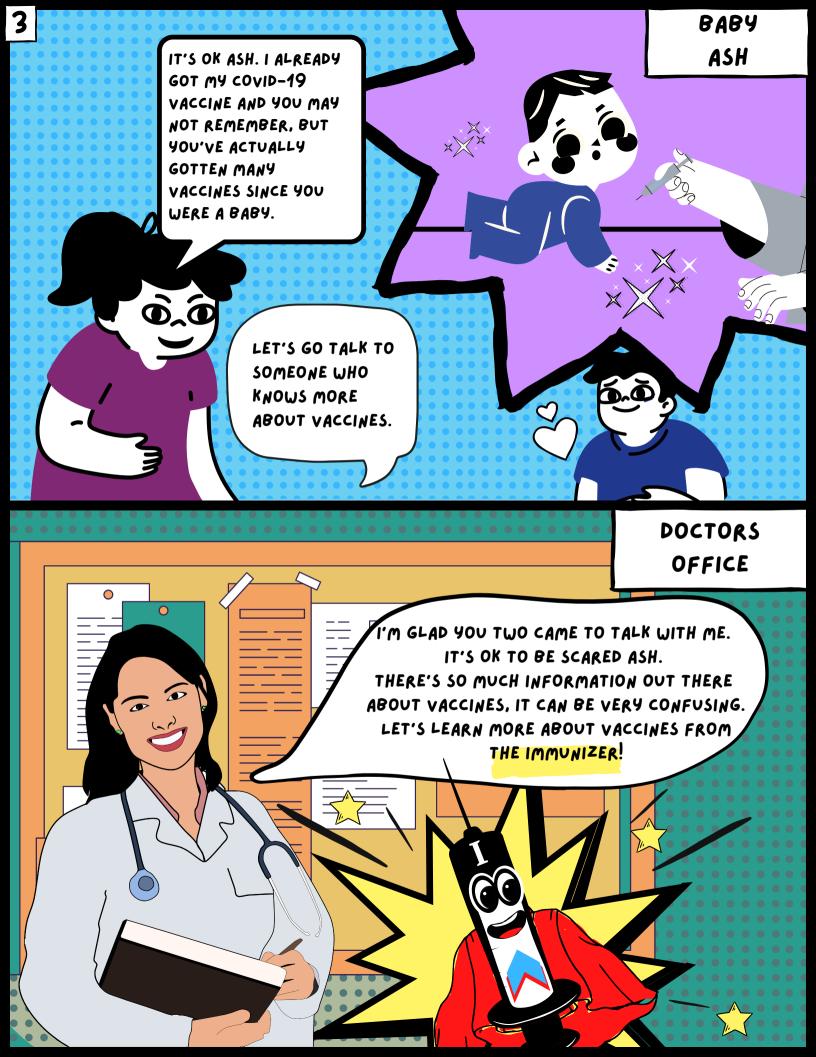
45 YEARS OLD VACCINE EXPERT LIKES PUZZLES

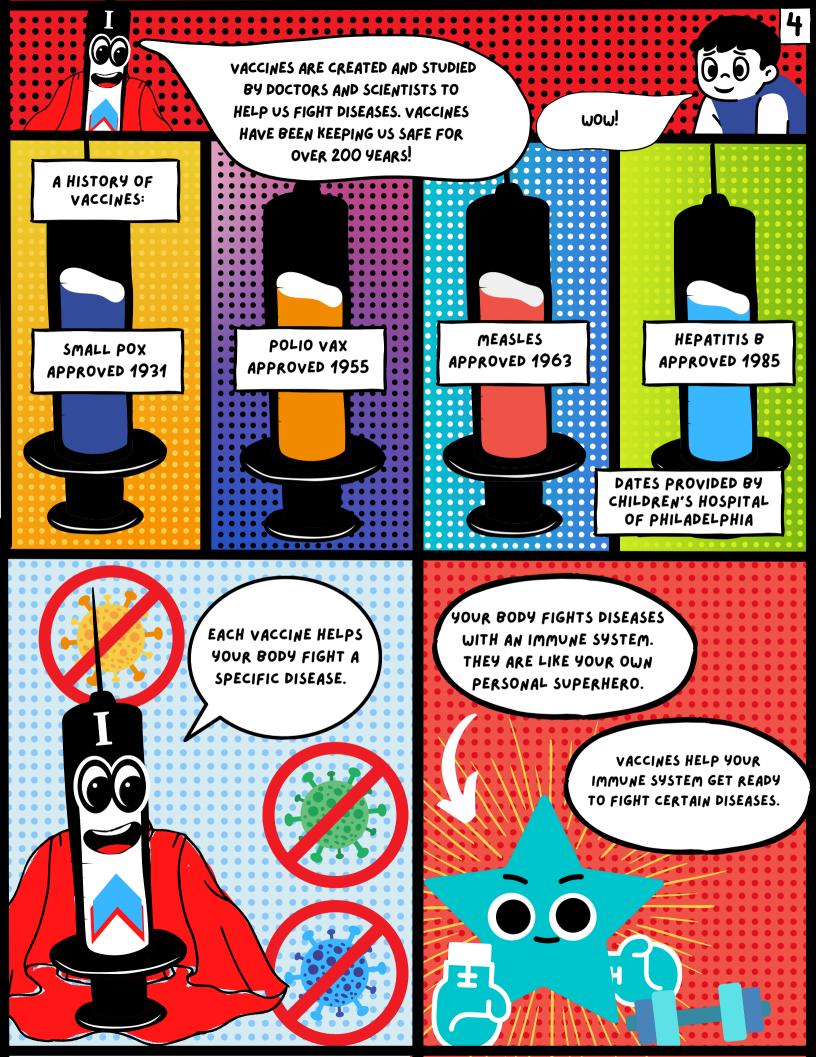


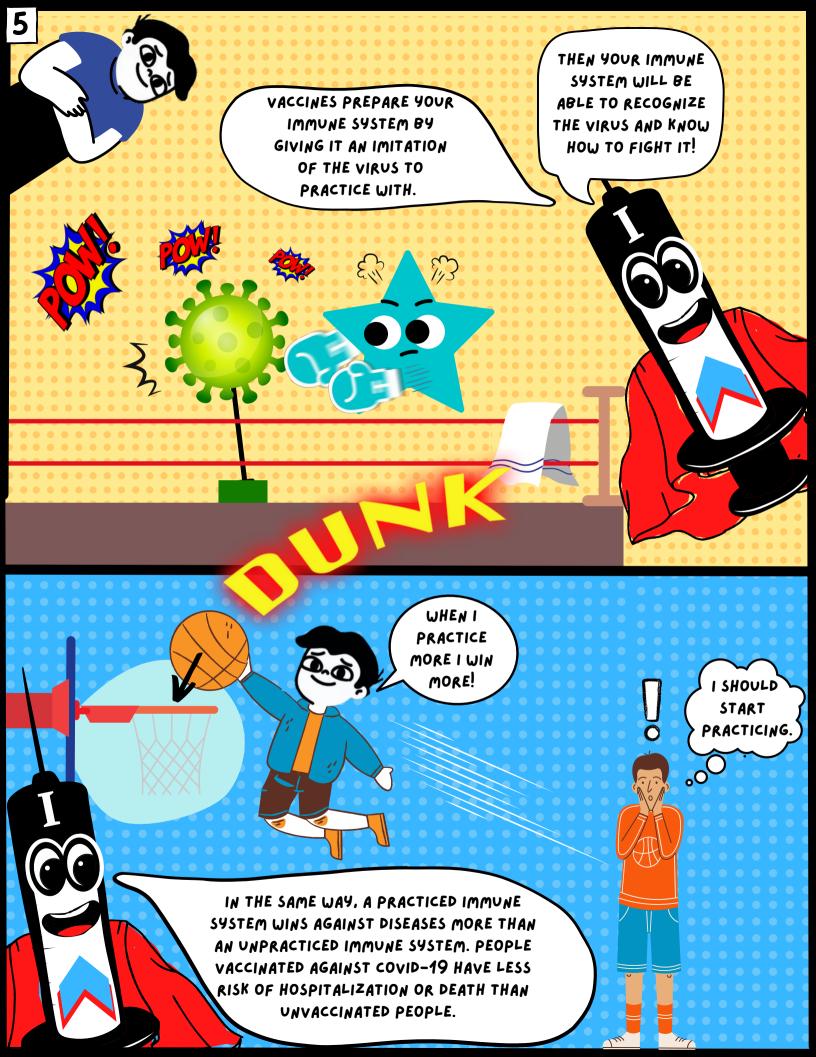




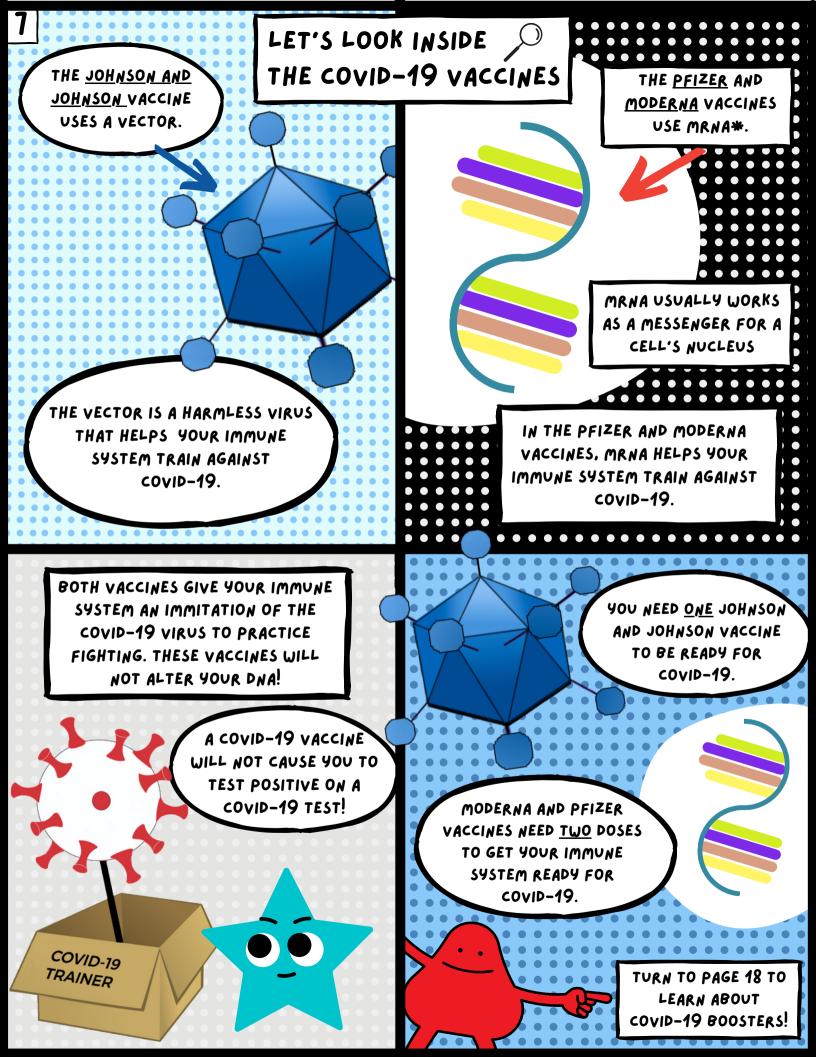
WHEN YOU
SEE AN
ASTERISK
(\*) NEXT
TO A WORD,
CHECK OUT
THE
GLOSSARY
ON PAGES
15 & 16 TO
FIND OUT
WHAT IT
MEANS!



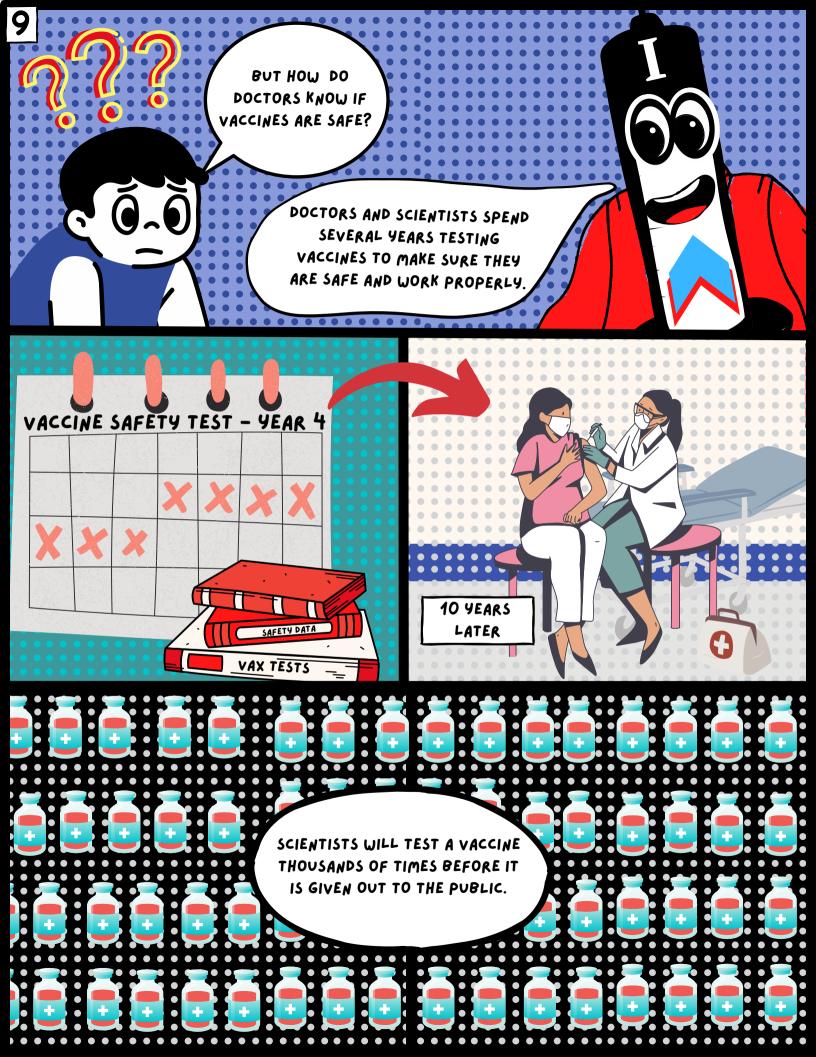








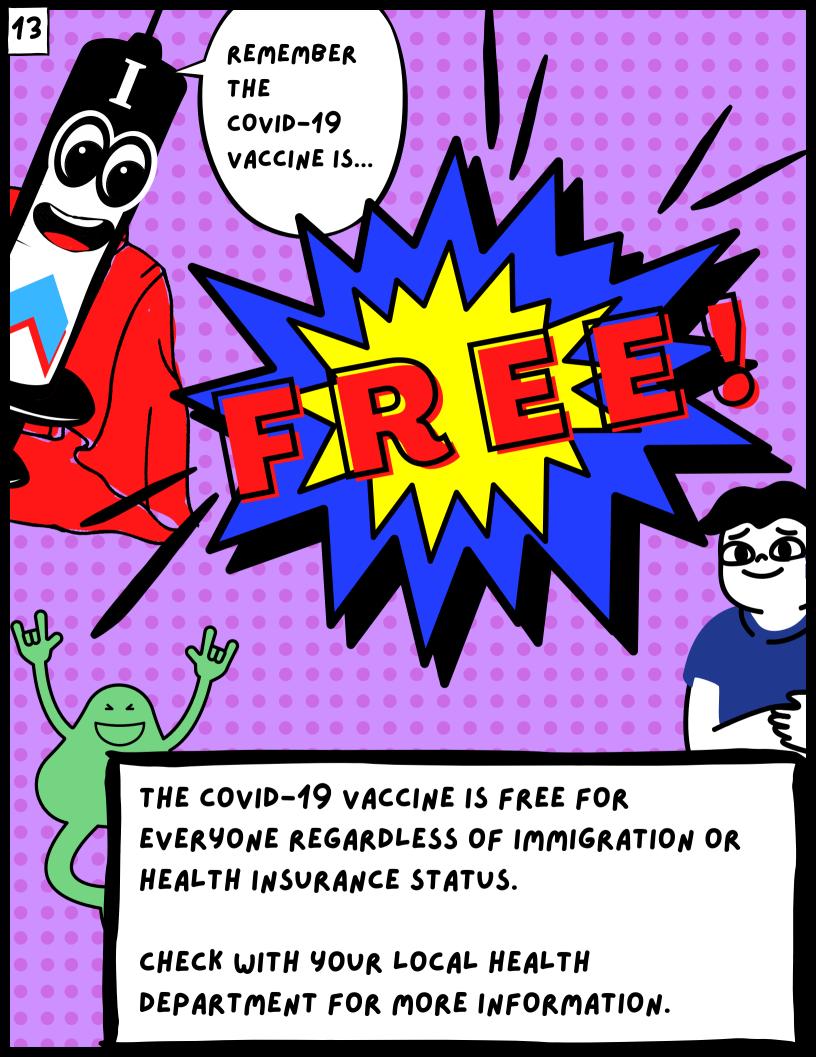


















## GLOSSARY



**Antibodies:** A protein that attacks and sticks to the surface of bacteria and viruses to help you fight off a disease.

**Booster Shot:** An additional dose of a vaccine that is sometimes needed to 'boost' the immune system.

<u>COVID-19</u>: A new disease discovered in 2019 that has made people all over the world sick. Other names for COVID-19 include coronavirus disease 2019. "CO" stands for corona, "VI" stands for virus, and "D" stands for disease.

<u>Emergency Use Authorization (EUA)</u>: In an emergency, like COVID-19, the FDA quickly authorized the three COVID-19 vaccines using an EUA to help fight COVID-19 faster! However, the COVID-19 vaccines still went through rigorous safety standards.

<u>Food and Drug Administration (FDA)</u>: The experts responsible for protecting the public health by making sure your food, prescription drugs, and medical devices are safe.

<u>FDA Full Approval</u>: A vaccine is given full approval when the FDA has even more scientific evidence to support the use of the vaccine. It's like the last stamp of approval and we can keep giving out the vaccines to fight COVID-19.

**mRNA**: Also known as "messenger RNA." It teaches our cells how to make a protein that will trigger an immune response inside our bodies.

# GLOSSARY



Nucleus: The main control center for the cell and acts like the cell's brain.

<u>Side effects</u>: A secondary and normal effect you get after you receive the COVID-19 vaccine.

<u>Vaccine</u>: Medicine that helps your body to become immune to a disease caused by certain infectious diseases and germs.

<u>Variants</u>: Different forms of COVID-19 that have been appearing and circulating around the world.

<u>Vector</u>: Anything that carries a disease. In a vector vaccine, it is a harmless version of a different virus.

<u>Viral Vector</u>: In a viral vector vaccine, it uses a vector to deliver important instructions to our cells.

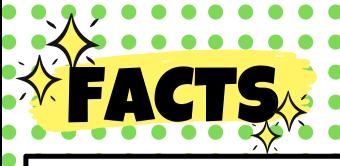
<u>Virus</u>: A type of germ. They are very tiny and when they get inside your body they can make you sick.



- THE COVID-19 VACCINES DO NOT CONTAIN THE COVID-19 VIRUS ITSELF, THE VACCINE WILL NOT CAUSE YOU TO TEST POSITIVE ON COVID-19 TESTS.
- EVEN THOUGH THE COVID-19 VACCINES WERE AUTHORIZED FASTER THAN NORMAL, ALL FOOD AND DRUG ADMINISTRATION\* (FDA) APPROVED AND AUTHORIZED VACCINES ARE THOROUGHLY RESEARCHED SUCH AS THE COVID-19 VACCINES.
- EACH INGREDIENT IN A COVID-19 VACCINE SERVES A SPECIFIC PURPOSE. A LIST OF INGREDIENTS IN EACH COVID-19 VACCINE IS AVAILABLE AT:

  CDC.GOV/CORONAVIRUS/2019-NCOV/VACCINES/SAFETY.HTML
- THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC) DEVELOPED THE SMART PHONE TOOL "V SAFE" FOR VACCINATED PATIENTS TO SELF MONITOR THEIR SYMPTOMS. THE TOOL IS AVAILABLE AT HTTPS://VSAFE.CDC.GOV/EN/
- ANYONE WHO MEETS THE AGE REQUIREMENTS IS ELIGIBLE TO GET THE COVID-19 VACCINE. THE <u>PFIZER</u> COVID-19 VACCINE IS CURRENTLY AUTHORIZED BY THE FDA FOR PEOPLE 5 YEARS AND ABOVE. THE <u>MODERNA</u> AND <u>JOHNSON & JOHNSON</u> COVID-19 VACCINES ARE CURRENTLY AUTHORIZED FOR PEOPLE 18 YEARS AND ABOVE.\*\*
- TO FIND VACCINE PROVIDERS NEAR YOU VISIT VACCINES.GOV, TEXT YOUR ZIP CODE TO 438829, OR CALL 1-800-232-0233. YOU CAN ALSO CHECK YOUR LOCAL PHARMACY'S WEBSITE TO SEE IF VACCINATION APPOINTMENTS ARE AVAILABLE. REMEMBER THE VACCINE IS FREE!
- FOLLOW YOUR LOCAL HEALTH DEPARTMENT FOR THEIR MOST RECENT COVID-19 VACCINE GUIDELINES. FOR THE MOST RECENT COVID-19 VACCINE GUIDELINES IN PHILADELPHIA, VISIT PHILA.GOV.

\* AS OF 3 JANUARY 2022





#### MORE FACTS ABOUT COVID-19 BOOSTERS:

- THE COVID-19 BOOSTERS USE THE SAME TECHNOLOGY AND INGREDIENTS AS THE COVID-19 VACCINES.
- THE CENTERS FOR DISEASE CONTROL STRONGLY RECOMMENDS THE BOOSTER FOR ANYONE OVER THE AGE OF 65, AS WELL AS ANYONE WITH CHRONIC ILLNESS OR SEVERE DISABILITIES.
- ANYONE OVER THE AGE OF 12 SHOULD GET A COVID-19 BOOSTER.

  TEENS OVER THE AGE OF 12 CAN GET THE PFIZER COVID-19 BOOSTER,

  ADULTS OVER THE AGE OF 18 CAN GET ANY COVID-19 BOOSTER.\*
- IF YOU GOT THE <u>PFIZER</u> OR <u>MODERNA</u> COVID-19 VACCINES YOU CAN GET <u>ANY</u> COVID-19 BOOSTER <u>FIVE MONTHS</u> AFTER YOUR SECOND COVID-19 VACCINE DOSE.
- IF YOU GOT THE <u>JOHNSON & JOHNSON</u> COVID-19 VACCINE YOU CAN GET <u>ANY</u> COVID-19 BOOSTER <u>TWO MONTHS</u> AFTER YOUR FIRST COVID-19 VACCINE DOSE.
- YOUR COVID-19 BOOSTER <u>DOES NOT</u> HAVE TO BE THE SAME BRAND AS YOUR COVID-19 VACCINES. YOU CAN MIX AND MATCH!
- SCAN HERE FOR UP TO DATE
  INFORMATION ON COVID-19 BOOSTERS







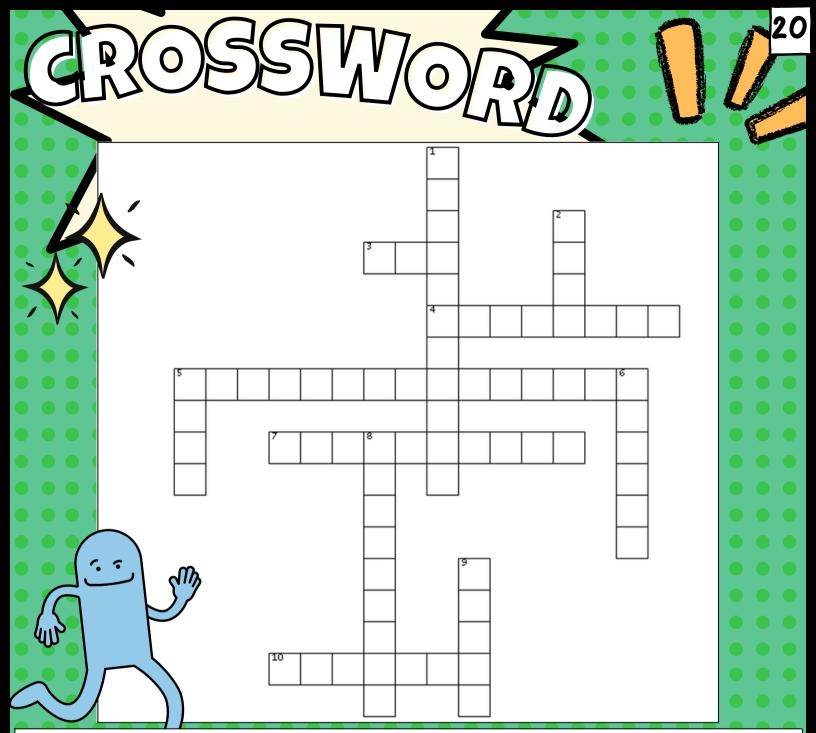
OR VISIT:

HTTPS://WWW.CDC.GOV/CORONAVIRUS/2019-NCOV/VACCINES/BOOSTER-SHOT.HTML

\* AS OF 3 JANUARY 2022.

# SE CRET CODE DE PUZZLES

UNSCRAMBLE THE WORDS TO S COMIC BOOK! ORVTCE	SPELL OUT A WORD YOU'VE SEEN IN THIS
RSOIUNVARCIO	
SKMA	
SDOABNITIE	
TANRVAI	
IMEZMUIRN	
AOMENDR	
MGCEYEENR	
CACFNVI	



#### **ACROSS**

- 3. Experts who make sure your food, medicine, and vaccines are safe.
- 4. Ash will learn about this in their next adventure!
- 5. Ash will be \_\_\_\_\_ two weeks after his second COVID-19 vaccine (two words!).
- 7. Helps fight COVID-19 and other diseases.
- 10. The FDA gave an Emergency Use Authorization to Johnson & Johnson; Pfizer; and \_\_\_\_\_ (hint: it starts with an M).

#### **DOWN**

- 1. The technology used to develop the Johnson & Johnson vaccine.
- 2. The Moderna and Pfizer vaccines use this to give your immune system instructions on how to fight COVID-19.
- 5. The vaccine is \_\_\_\_ for everyone, regardless of immigration or health insurance status.
- 6. Ash schedules an appointment with them to learn more about vaccines.
- 8. The superhero who helps Ash learn about COVID-19 vaccines.
- 9. Ash's Sister.

