

Pandemic Puzzle

Learning Vocabulary Associated With the COVID-19 Pandemic



FOR GRADES
3-5 6-8 9-12

OVERVIEW

This word search puzzle focuses on terminology and vocabulary associated with the COVID-19 pandemic. It can be used as a stand-alone activity or to extend any other curriculum lessons.

LEARNING OBJECTIVES

Students will learn vocabulary and concepts related to the COVID-19 pandemic.

SCIENCE, HEALTH AND MATH SKILLS

- Communicating

NGSS SCIENCE AND ENGINEERING PRACTICES

- Obtaining, evaluating and communicating information

TIME

- Activity: 30 minutes

MATERIALS FOR SCIENCE INVESTIGATION

- Each student will need a paper or electronic copy of the Pandemic Puzzle student page
- Pandemic Puzzle Key (share with students or for the teacher)

SET UP AND TEACHING TIPS

This puzzle may be used to supplement any of the COVID HACKS curriculum activities.

PROCEDURE

ENGAGE

1. Ask, *What is a puzzle?* Accept all responses, which may include putting pieces together to form a picture or a problem to be solved. Share that puzzles are intended to test your skills, knowledge, and patience in problem solving, and be fun!
2. If they have not already provided examples, ask students to suggest or describe different kinds of puzzles. Possible examples include jigsaw puzzle, Rubik's Cube™, crossword or word search. *Which puzzles are easy? Which are harder? Why do you think people enjoy solving puzzles?*

EXPLORE AND EXPLAIN

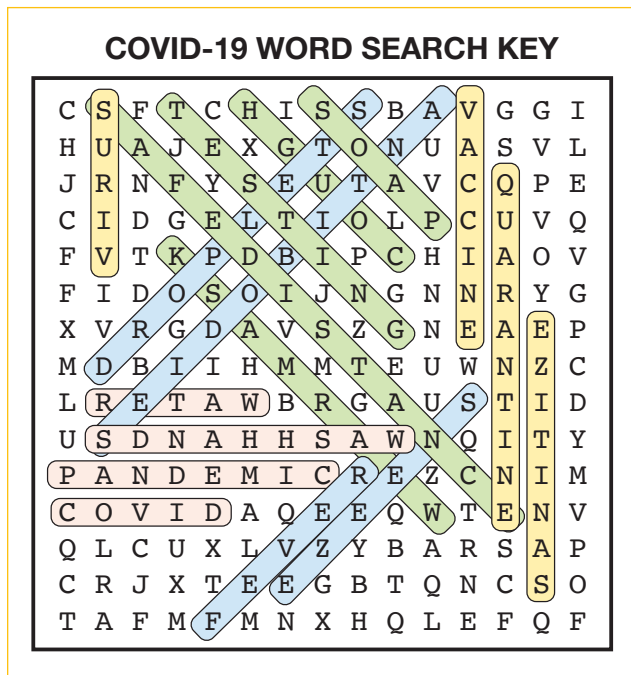
3. Tell students that you will provide them with a word search puzzle that includes words related to the COVID-19 pandemic. Give a couple of examples such as droplet, testing or virus.
4. Explain that words may be oriented vertically, diagonally or horizontally. In addition, some words will be written backwards on the puzzle.

5. Depending on the age group of your students, you may choose to make this a timed challenge. If so, let the class know. Do not reveal the answer key until all students have finished. If the puzzle is assigned to students to complete asynchronously, you, the teacher, will decide when to reveal the key.

EXTEND AND EVALUATE

6. You may choose to have the students write sentences or a small paragraph using the vocabulary words in the word search to evaluate comprehension of the words and concepts.

ANSWER KEY



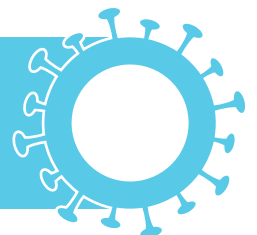
DEFINITIONS

- Antibodies** Y-shaped molecules produced by specialized cells of the immune system called B cells. Antibodies bind to a specific part of a disease-causing agent, like a virus, flagging it for destruction or preventing it from invading other cells.
- COVID** COVID-19 is an infectious disease caused by a coronavirus called SARS-CoV-2. It is the second known SARS virus. SARS is an acronym for Severe Acute Respiratory Syndrome, and CoV is an acronym for coronavirus. With COVID-19, 'CO' stands for 'corona,' 'VI' for 'virus,' and 'D' for disease; 19 corresponds to the year '2019'.
- Cough** A cough is a reflex, an automatic response to an irritant that propels air and particles out of your throat.
- Droplets** Very small sphere or drop of liquid; droplets of water, mucous or saliva expelled when we talk, sing, cough or sneeze can carry the virus that causes COVID-19.
- Fever** A body temperature that is higher than normal.
- Pandemic** An outbreak of disease that affects multiple countries or continents at a time.
- Quarantine** Separation or isolation of a person or people exposed to a contagious disease. It is a public health tool to prevent spread of disease, while people are potentially infectious.
- Safe Distance** Keeping a physical space of at least 6 feet between you and others to reduce the spread of COVID-19.

Sanitize	Reduce the number of germs on objects or surfaces to a safe level usually by using a chemical solution.
Sneeze	A sneeze is a reflex, which is an automatic response, that expels air from the nose or mouth when the nostrils are irritated.
Soap	A substance used with water for washing and cleaning.
Testing	A procedure used to diagnose, screen or evaluate an illness in a person.
Vaccine	A substance that protects the body from disease by stimulating the immune system to create cells that remember and recognize the disease-causing agent. Vaccines stimulate the immune system to make antibodies.
Virus	A very small infectious agent that replicates only inside of a living cell of an organism.
Wash Hands	Hand washing frequently with soap for 20 seconds is an important way to kill germs and protect against getting sick.
Water	A substance composed of the chemical elements of hydrogen and oxygen that can exist as a liquid, gas, or solid.
Wear Mask	Wearing a mask during the COVID-19 pandemic helps reduce the spread of the virus by close contact and respiratory droplets. You wear a mask to protect others and others wear a mask to protect you.

Vaccine

A substance that protects the body from disease by stimulating the immune system to create cells that remember and recognize the disease-causing agent. Vaccines stimulate the immune system to make antibodies.



COVID HEALTHY ACTIONS, COMMUNITY KNOWLEDGE AND SCIENCE

■ A SCIENCE-BASED CURRICULUM FOR THE COVID-19 PANDEMIC

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- Author: **Lollie Garay**
- Web and Design Director: **Travis Kelleher**
- Copy Editor: **James Denk**
- Graphic Designer: **Jose Chavero Rivera**
- Technical Reviewers: **Bich Ngoc Dang, Jennifer Anne Whitaker**
- Project Director and Series Editor: **Nancy Moreno**

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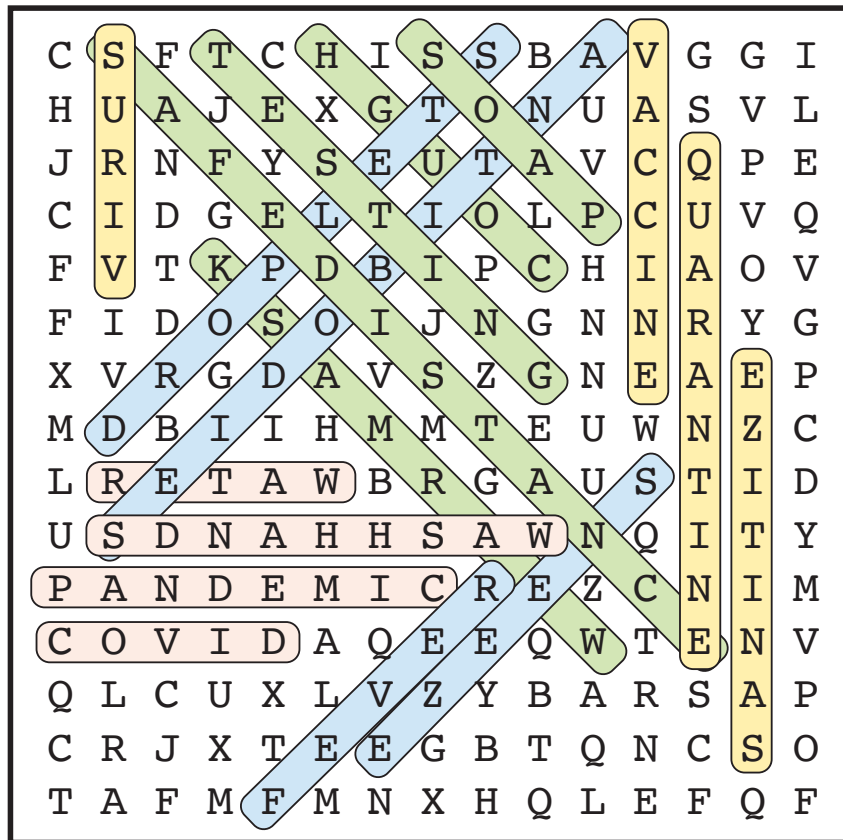
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Department of Education, Innovation and Technology
Baylor College of Medicine
One Baylor Plaza, BCM411
Houston, Texas 77030
713.798.8200 | 800.798.8244
bioedonline.org | edoutreach@bcm.edu

Pandemic Puzzle Assignment

COVID-19 WORD SEARCH KEY



COVID-19 WORD SEARCH



Look for these Covid-19 words - Up/Down, left/right, diagonal

ANTIBODIES

COUGH

COVID

DROPLETS

FEVER

PANDEMIC

QUARANTINE

SAFEDISTANCE

SANITIZE

SNEEZE

SOAP

TESTING

VACCINE

VIRUS

WASHHANDS

WATER

WEARMASK