



AN OXYGEN'S VACATION | 7th Grade

Oxygen has been working hard for thousands of years! It is everywhere, up in the air, in the plants, in water, and the list goes on... Sometimes oxygen just needs to take a break... a little vacation from its everyday duties! Mr. Oxygen and his family, is looking at many different options for their vacation. It is your job to tell him why the human body is the ultimate getaway!

THE TASK:

It is up to you to create the best description of the type of vacation that the Oxygen family will have in the human body. Be creative! You may choose to express the description in the following ways:

- A Brochure
- A comic strip
- An itinerary
- A scrap book of a former family's vacation

DETAILS:

Your *description* must include the journey through the cardiopulmonary system in the following order, entering through the **nasal cavity** through the **pharynx** (you may include some kind of danger with the **epiglottis**), to the **larynx** (acknowledging the **vocal chords**), through the **trachea** to the **bronchi** and out to a **bronchiole**, into an **alveoli** (this is like a bus station, or where they get on a ride or a car.) then they enter the blood stream through a **capillary** attaching to a **blood cell**. From their they travel in the **vein** to the **heart** where they go through the **left atrium** into the **left ventricle** (maybe they try to escape or go back but they can't because of the **valve**) they then get pumped out quickly into an **artery** where they travel to the toe (or any other part of the body where there are cells (hint they are everywhere!!!)) they then go into a **capillary** again, and get switched out for **carbon dioxide**. Explain the journey back with their new "look" of carbon dioxide instead of oxygen, and explain what blood vessel they are in (**vein, artery, or capillary**). Make sure to explain that they return to the **heart** but to the **right atrium** into the **right ventricle** and out through an **artery** to the **lungs** to be dropped off where they exit through the same way they came in...

Be *creative*! Using what you know of each part of the cardiopulmonary system, make it into a ride, and attraction, a beach, a mall, or any other characteristic that you think is similar to its function. *COLOR* of course is a must! People are attracted to color and if Mr. Oxygen is going to pick our "resort" or "vacation plan" the human body, then he must be attracted to the look of it!

HOW TO WIN A CUSTOMER:

For every oxygen you get to come on your vacation, you get a bonus check. Mr. Oxygen will only on your vacation **IF** you score a 70 points on his "rating scale" attached to the back. BUT if you score 100 on his "rating scale" he will bring himself AND his family. Follow it closely and SUCCESS IS YOURS!!!!

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MR. OXYGEN'S RATING SCALE	0 (not there)	3 (there but not accurate)	4 (accurate detail)	5 (Accurate and creative)
Title/Presentation/organization				
Colorful				
Nasal Cavity				
Pharynx				
Larynx				
Trachea				
Bronchi				
Bronchioles				
Alveoli				
Capillary				
Blood Cell				
Vein				
Heart				
Left atrium				
Left ventricle (valve)				
Artery				
Cell (in specific part of body)				
Carbon Dioxide				
Reverse process described	0	6	8	10
TOTAL				

EXAMPLES:



FUN FACTS

THE STATE CAPITOL OF FLORIDA IS TALLAHASSEE, AND FLORIDA IS KNOWN AS THE SUNSHINE STATE. DID YOU KNOW THAT FLORIDA WAS ADMITTED INTO THE UNITED STATES MARCH 3, 1845, AS THE 27th STATE. ITS POPULATION IS 17,397,161! IT'S ALMOST 20 MILLION AND SOME PROJECTS SAY THAT IT WILL DOUBLE IN THE NEXT 20 YEARS! I'LL BE 30 WHEN THAT HAPPENS! DID YOU KNOW THAT THE ORIGIN OF THE NAME IS FROM THE SPANISH *PASCUA*, *FLORIDA* MEANING "FEAST OF FLOWERS." ALSO ORLANDO ATTRACTS MORE VISITORS THAN ANYWHERE IN THE UNITED STATES IN MAY 20, 1970 LAWMAKERS PASSED AND SENT A BILL TO THE GOVERNOR ADOPTING THE MOONSTONE AS THEIR OFFICIAL STATE GEM. BUT IRONICALLY THE MOONSTONE IS NOT NATURALLY FOUND IN FLORIDA OR THE MOON. DID YOU KNOW THAT GATORADE WAS NAMED FOR THE UNIVERSITY FOR THE FLORIDA GATORS WHERE THE DRINK WAS FIRST DEVELOPED.



To Occupant
3185 Pegasus Street
Malibu, Ca. 90159



By Tori

From: The Disney Duvale Resort
50 Palm Beach Drive
Orlando, Florida, 32839



State Animal
The Florida Panther
The Florida Panther is seriously endangered because of being hit by cars.



State Flower
The Orange Blossom *Citrus sinensis*
The Orange Blossom became Florida's flower in 1909 and is the most fragrant flower in all of Florida.



Mickey and Minnie are one of the most beloved Disney couples. Mickey was the first character that Walt Disney created. He was the voice of Walt.



Parks
Experience the magic of Disney's best-selling Theme Parks and dive into fun at two refreshing Water Parks. There's something new to explore the imagination and meet the sort of everyone in your family or group.



State Bird
The Mockingbird
The mockingbird is most famous for its lovely mate.





The Swan and Dolphin Hotel
This is one of the most famous hotels in the world. It is a first class, five star hotel. When you stay here, you are treated like royalty. It's every kids dream!



State Marine Mammal
Manatees are a seriously endangered species. People are the reason they are so endangered, they keep polluting the water and it destroys their habitat and food sources. Water bacteria (red tide) can paralyze the Manatee and they are unable to reach the surface for air.





Disney-MGM STUDIOS
Attractions
Entertainment
Dining

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Parks, Monuments, & Memorials Two Day Tour ITINERARY



MOUNT RUSHMORE NEAR RAPID CITY AND THE BLACK HILLS OF SOUTH DAKOTA

National Parks and Monuments in Rapid City

DAY 1: National Park and Monuments

Head to [Mount Rushmore](#) just before sunrise and you won't be disappointed. The morning sun highlights the granite giving you a truly unique look at the mountain and postcard-perfect pictures. The best light on the mountain is from sunrise to about 10:30 a.m. After watching the sun come up, sit down for a hot breakfast and morning latte with a spectacular presidential view. Visitor Center, gift shop and concessions open at 8:00 a.m. (Mountain Time).



Enjoy a scenic drive to [Crazy Horse Memorial](#), just a few miles from Mount Rushmore. This ongoing mountain carving is the world's largest and a majestic tribute to all Native American tribes across the country. The visitor complex includes a welcome center, the Indian Museum of North America, the Native American Educational & Cultural Center, the sculptor's log home studio and workshop, indoor and outdoor galleries, museum gift shop and expansive viewing veranda. Enjoy lunch at the Laughing Water Restaurant.

After leaving Crazy Horse Memorial, head underground for a look at the beauty below the surfaces. [Jewel Cave National Monument](#) is approximate 20 miles west of Crazy Horse and is

the world's second longest cave. Located about 30 miles from Jewel Cave you'll find the world's fourth longest cave, [Wind Cave National Park](#). Both caves have daily tours. Prices and final tour time varies based on season.

Be sure to head back to either Mount Rushmore or Crazy Horse Memorial for their evening shows. During the summer season, Mount Rushmore holds a nightly lighting ceremony. This patriotic and moving event highlights the making of the monument with a video, flag lowering ceremony and a salute to veterans.



At Crazy Horse, you can experience a laser light show nightly during the summer. It also holds two special night blasts. The first night blast of the year is June 26. It celebrates the birthday of Mrs. Ruth Ziolkowski, wife of the late Crazy Horse sculptor. The second traditional night blast of the year is on September 6th. The blast celebrates the dual anniversaries of the 1877 death of Crazy Horse and of the 1908 birth of sculptor Korczak Ziolkowski.

DAY 2: National Park and Monuments

[Badlands National Park](#) is located about 70 miles east from Rapid City. This 244-thousand acre park is full of jagged spires, eroded buttes and prehistoric fossils. The moon-like surfaces of the Badlands create a hiking challenge with breath-taking scenery. Drive the loop or get out of the car and enjoy a picnic at one of the scenic overlooks.



The [Minuteman Missile National Historic Site](#) (also known as the Minuteman Missile Silo) is a one-of-a-kind attraction, located at the south entrance to Badlands National Park, takes visitors into the control room of an actual nuclear missile silo. South Dakota and Ellsworth Air Force Base in Rapid City played a strategic role in the Cold War, operating 150 missile silos and 15 launch control facilities in the western part of the state. Guided tours for a limited number of visitors are available but times may vary.

It may not be a national park or monument, but the [City of Presidents](#) in [downtown Rapid City](#) is a great way to end your [National Parks and Monuments](#) tour. These life-sized bronze



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statues will take you on a journey through American Presidential history.

