kite

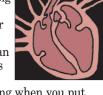
caterpillar

Taking Care of Your Health

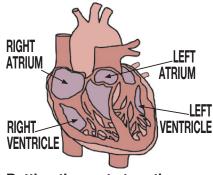
Put Your Heart Into It!

How it works

The heart is a big hollow muscle in the middle of your chest. Its left side pumps harder than the right, which is why you can feel



the left side beating when you put your hand on your chest.



Putting the parts together

The heart has four parts called chambers. Blood comes in through the top two chambers, which are called atria (AY-tree-ah). The bottom two, called ventricles (VEHN-trihculs), pump the blood out. In between, the blood picks up oxygen, which is necessary for our cells to work.

might not think about Month. As a kid, you heart health being important for your young

But experts say kids are at higher risk than ever before for heart problems. For some children, the problem begins with weighing too much. Obesity, or being too overweight, puts kids in danger of many different health problems, including heart disease.

This week, The Mini Page learns more about how our hearts work and how we can kids and into adulthood.

Working with the lungs

The right atrium takes in the "used" blood from the rest of the body. It sends it to the right ventricle, which pushes the blood out to the lungs to pick up oxygen and get rid of carbon dioxide.

The "new" blood comes back in through the left atrium and is sent out to the body through the left ventricle.

Valves, which work a little like oneway doors, make sure that no blood backs up. All the blood flows in one direction through the heart.

• The heart is always working. It never rests. It works automatically, without the brain telling it to pump.

 Your heart is about the size of your closed fist.

 Arteries are the vessels, or tiny tubes, that carry blood from the heart to the rest of the

• Veins carry blood back to the heart to pick up oxygen.

• Your heart beats about 100,000 times a day! Kids' hearts beat about 70 times a minute.

• There are about 60,000 miles of blood vessels in your body.

 Your heart is protected by your ribcage.

 It only takes about 10 seconds for your blood to go from your heart to your big toe while you're active.



Mini Spy ...

heart

frog

Mini Spy is listening to Basset Brown's heart. See if you can find: • pencil • ruler • bell • knife • number 8

• saw envelope

 banana • sea horse

• letter E

• word MINI • toothbrush fish hamburger bandage

arrow



Rookie Cookie's Recipe Orange Pancakes

You'll need:

- 1 cup orange juice 3 egg whites
- 1/3 cup applesauce
 1 tablespoon fresh lemon juice
- 1/2 teaspoon salt
- 11/4 cups whole-wheat flour
- What to do: 1. Blend orange juice, egg whites, applesauce and lemon juice in a blend until well-mixed.

2 tablespoons sugar

1/2 teaspoon cinnamon

- 2. In a separate bowl, combine flour, baking powder, sugar, cinnamon and salt
- 3. Gradually add orange juice mixture to flour mixture and stir until moistened.4. Coat a hot griddle with cooking spray.5. Pour batter to form pancakes; turn when bubbles form on top and around
- pancake.
 6. Serve with syrup or fresh fruit.
- You will need an adult's help with this recipe.

Meet George Takei



George Takei stars as Grandfather in the Nickelodeon TV series "Supah Ninjas." He is best known for his role as Hikaru Sulu in the original Star Trek" TV series and movies. He has acted in many other TV shows, including "Heroes."
George has been in several movies. He was the

oice of First Ancestor in "Mulan" and "Mulan II." He got his start in acting when he was in college. He answered an ad and got the job dubbing, or speaking English lines, for a Japanese film.

George, 73, was born in Los Angeles. When World War II broke out, he and his family were held in a U.S. internment camp because his family was of Japanese descent.

He has worked to help groups promoting the arts, civil liberties and Japanese-American relations. He enjoys running in marathons.

Goldie Goodsport's Report Supersport: Kelly Kulick Birthdate: 3-16-77 Hometown: Union Township, N.J.

As the new year dawned, folks were wondering how Kelly Kulick could possibly top her accomplishments of 2010.

In the world of bowling, she was rolling in the fast lane. At age 33, Kulick became the first female to win a championship on the male-dominated Professional Bowlers Association turn the first female to win a championship on the male-dominated Professional Bowlers Association turn.

on the male-dominated Professional Bowlers Association tour. On the way to the title, she defeated 12-time champ Chris Banes 265-195. So move over, men. She isn't going away.

Kulick also has won eight career women's titles, including the 2010 U.S. championship. To top it all off, she was a guest at the White House on International Women's Day.

Before joining the pro bowling circuit, Kulick was a two-time Collegiate Bowler of the Year at Morehead State College, where she earned a degree in health and physical education.

Simply put, Kulick just knocks 'em down — bowling pins, that is.

Heart Enemies

Unfortunately, some people develop habits that can damage the heart. Now, while you're young, is a great time to set good health habits that will keep your heart working well for many years.

Smoking

People smoke cigarettes because they like the feeling they get from the chemical in them, nicotine. But once you start smoking, it's very hard to stop.

Smoking damages health in different ways.

• It fills your lungs with hot gases, dust, carbon monoxide and other cancer-causing substances.

• Smoking kills the very small hairs that line the lungs. These hairs sweep out bacteria and keep the lungs from becoming infected.

• Nicotine speeds up your heart and narrows your blood vessels, so your heart has to work harder to circulate your blood.

Start here

and dairy foods.

white potatoes.

and beans.

Watch

portion sizes. A

pancake should

be about the size

4-ounce serving of

meat is about the

size of a deck of cards.

of a CD. A 3- to

• Choose low-fat proteins (meats)

Avoid white foods, such as white

• Eat whole grains (such as cereal)

sugar, white bread, white rice and



most kids didn't ride buses to school;

Only 100 years ago, there were many fewer overweight people. Many adults worked at jobs that required physical activity, such as farming.

Today, kids may have a lot of free time. We might use that time watching TV, playing video games or using a computer. But those are sedentary,

or sitting, activities. Our bodies don't use much energy to do things.

choices, and many of our foods are not

Experts say that about 1 of every 3 children and teenagers is overweight or obese. Being overweight is hard on all parts of your body. It is the

Put Your Heart First

Experts say it's unusual for a kid to have a heart attack. But doctors worry about the long-term damage of being overweight and not exercising enough. Many overweight kids will grow up to be overweight adults, which could lead to a heart attack, stroke or heart failure.

"The risks pick up as you take those habits with you into adulthood," one expert told The Mini Page. "It will catch up with you."

The good news is that kids have a lot of time to improve their health. The Heart Institute at Cincinnati Children's Hospital Medical Center suggests an easy way to remember to eat right and get enough exercise each day, called 5-2-1-0:



Eat five servings of fruits and vegetables every day.



hours or less in front of a screen (TV, video games, computer).



Get at least one hour of exercise every day.



Don't have any drinks that include calories (except milk).

Calories in ...

A **calorie** is a measurement of energy. We use this measurement to tell us how much energy is in foods.

For example, a medium-sized apple has 100 or fewer calories. It's also full of vitamins and fiber, which are good for your body. A 2-ounce Snickers bar has 280 calories and 14 grams of fat, with little fiber or vitamins.

It's all about choices

As you get older, you will begin to make more of your own choices about what you eat. It's important to learn about foods now and set good habits so that you can choose healthy foods later in life.

... and calories out

Kids have to get up and exercise every day, doctors say. But you don't have to belong to a gym to get exercise. Be active by doing something you like each day, making sure to raise your heart rate. For

- Walk outdoors. If the weather's
- bad, walk at a mall. • Does your church or school have a gym? Gather some kids to play basketball or run laps.
- At home, you can use a jump rope to get your heart pumping.
- Put on your favorite music and dance!
- Ride your bike around the neighborhood.

The Mini Page Staff

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a great way to get during the school day.

Hospital Medical Center.

For help with this issue, The Mini Page thanks Bob Siegel, medical director of the Center for Better Health and Nutrition, and Dr. Elaine Urbina, director of preventive cardiology, with

Too much food, not enough exercise



they walked or rode horses

People didn't have as many choices as we do about what to eat. They ate what they could grow or what could be found nearby. There wasn't time to sit around and eat snacks — chores and other activities kept kids busy.

those types of In addition, we have a huge number of food

nutritious. Fast food and snacks can have hundreds of calories that our bodies don't need for energy. So those calories get stored as fat.

leading cause of early heart attacks.

All the following jokes have something in common. Can you guess the common theme or category?

Patrick: What do you call a plumber's Pete: What did the plumber say to his noisy helper? **Patton:** "Pipe down!"

new assistant? Paula: A drainee!

Patience: What is a plumber's favorite pair of shoes?

Parker: Clogs!



Basset Brown TRY 'N The News Hound's **Heart Health FIND** Words that remind us of heart health are hidden in the block below. Some Words that remind us of heart reaint are indoen in the block below. Some words are hidden backward or diagonally, and some letters are used twice. See if you can find: ARTERY, ATRIUM, CALORIE, CHAMBER, CHEST, CHOICE, EXERCISE, HEALTH, HEART, LUNG, MUSCLE, NICOTINE, OBESITY, OXYGEN, PUMP, SEDENTARY, SERVING, SMOKING, VALVE, VEIN VEINTENERS. NIEVJEZKGNI



 $\mathsf{B}\ \mathsf{N}\ \mathsf{C}\ \mathsf{E}\ \mathsf{G}\ \mathsf{N}\ \mathsf{U}$ ΕT 0 JURAEATCCS Q $\mathsf{Y} \mathsf{M} \mathsf{T} \mathsf{H} \mathsf{S} \mathsf{C} \mathsf{Y}$ STPYRATNED

Ready Resources

The Mini Page provides ideas for websites, books or other resources that will help you learn more about this week's topics.

On the Web:

- http://kids.nationalgeographic.com/kids/stories/ spacescience/truthaboutyourheart/
- www.bam.gov/sub_yourbody/yourbody_ energyequation.html
- http://kidshealth.org/kid/htbw/heart.html

At the library: • "How Does Your Heart Work?" by Don L. Curry

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