**WEBQUEST: Heart & Circulatory System**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Go to kidshealth.org & click the KIDS link or go to <http://kidshealth.org/kid/> .
2. Click HOW THE BODY WORKS on the left side menu or go directly to <http://kidshealth.org/kid/htbw/htbw_main_page.html> . Watch the pictures going across the screen and click on the HEART when you see it. It is below ears and beside lungs
3. Once you click on the HEART, below it you will see:

MOVIE

ARTICLES

QUIZ

WORD FIND

ACTIVITIES

1. Watch the movie. It MAY pop up in another window. DO NOT CLOSE the original window! You’ll need it later.
2. Now click on ARTICLES – Your heart and circulatory system.
3. Answer the following WEBQUEST questions on this sheet.

WHEN YOU ARE DONE THE WEBQUEST QUESTIONS…….

7) Go back to <http://kidshealth.org/kid/htbw/htbw_main_page.html> where you selected THE HEART, and then click on the third option down, QUIZ. Mark down what you get as a score OUT OF 10 ON THE BOTTOM OF THE WEBQUEST SHEET.

WHEN YOU ARE DONE…..

1. Try the word find
2. Try the activity (heart-labelling) if you have time.

If you do not have time, you will get a copy of a detailed heart that is labelled.

**WEBQUEST QUESTIONS**



a) Is the shape of the heart inside of you the same as this? YES / NO

b) *Read the section: Working That Muscle*

Your heart is really a **m**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. It is about the size of your **f**\_\_\_\_\_\_\_\_\_ . The heart sends **b**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ around your body. The **b**\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gives your body the **o**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and **n**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it needs and it carries away **w**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

Your heart is a **p**\_\_\_\_\_\_\_\_\_\_\_\_\_! The **r**\_\_\_\_\_\_\_\_\_\_\_\_\_ side of your heart receives blood from the body and pumps it to the **l**\_\_\_\_\_\_\_\_\_\_\_\_\_.

The **l**\_\_\_\_\_\_\_\_\_\_\_ side of the heart does the exact opposite: It receives blood from the lungs and pumps it out to the **b**\_\_\_\_\_\_\_\_\_\_\_\_.

1. *Read the section: We Got the Beat*

Your heart **f**\_\_\_\_\_\_\_\_ with blood and squeezes or **c**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. *Read the section: Heart Parts*

The heart is made up of **f**\_\_\_\_\_\_ areas that fill with blood. These are called **c**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**s**. The two **c**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**s** on top are called **a**\_\_\_\_\_\_\_\_\_\_, that is plural for 2 of them. **A**\_\_\_\_\_\_\_\_\_\_\_ means only one of them. You have a left and a right one. They fill with blood returning to the heart form the body and the lungs.

The two **c**\_\_\_\_\_\_\_\_\_\_\_\_\_**s** on the BOTTOM are called the **v**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**s**. You have a left and a right one. Their function is to squirt out blood to the body and the lungs. You have a thick wall of muscle separating the 2 sides of your heart called the **s**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . It keeps the blood from either side of the heart from mixing.

Your blood knows which way to go by special doors that let blood in and close the door so it can’t flow backwards. These “doors” are called **v**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**s**.

1. *Read the section: It’s Great to Circulate*

Blood doesn’t just float around our bodies. It moves through tubes called **a**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and **v**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and tiny vessels called **c**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (this last word isn’t on the website, check your textbook!).

**A**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_move blood away from the heart (**A**-**A**-**A**rteries **A**way!) and **v**\_\_\_\_\_\_\_\_\_\_\_\_\_\_ carry blood back to the heart (**V**eins have **V**alves, **VV**!)

The movement of the blood through the heart and around the body is called **c**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!

The left side of your heart sends out **o**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ blood out to the

body. Once your living cells do MR. C. GREEN and use up the oxygen and put in

wastes like carbon dioxide, the blood travels back to the heart! The returning blood enters the **r**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ side of the heart. This blood is full of wastes like carbon dioxide and needs a little freshening up with oxygen, so your heart pumps it back to the **l**\_\_\_\_\_\_\_\_\_\_\_\_\_**s**!

1. *Read the section: Listen to the Lub-Dub& Pretty Cool — It's My Pulse!*

What tool does a doctor use to listen to your heart? **S**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. *Read the section: Keep Your Heart Happy*

Summarize the 5 things you can do to keep your heart happy IN YOUR OWN WORDS!

1)

2)

3)

4)

5)

WEBQUEST ON THE ARTICLE IS DONE! GO BACK TO THE DIRECTIONS

(STEP 6)

RECORD YOUR MARK OUT OF 10 HERE \_\_\_\_\_\_\_\_\_\_\_\_\_\_ **/10**