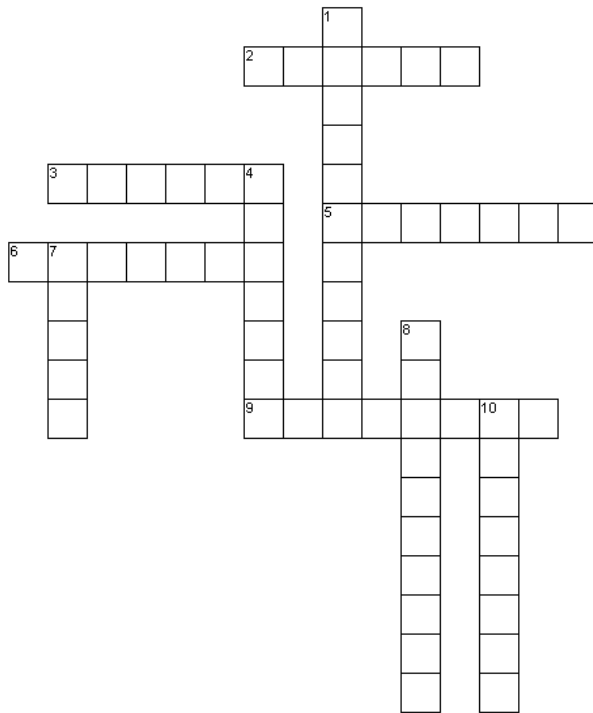


Name _____

<http://www.innerbody.com/htm/body.html>

The Skeletal System:



Across

- 2. Where the bones intersect
- 3. The skeleton plays an important part in movement by providing a series of independently movable ...
- 5. Dense, rigid bone is called the ... bone
- 6. The hardest bone in your body
- 9. The bones are also a storehouse for ...

Down

- 1. When sudden pressure pulls a bone out of its socket at the joint, the injury is called a ...
- 4. Another name for breastbone
- 7. One of the 2 main parts of the skeleton
- 8. Outside skin of the bone
- 10. A tough band of white, fibrous, slightly elastic tissue

The Digestive System:

Cryptogram - figure out the code to solve the puzzle.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|---|---|----|---|---|---|---|---|---|---|----|---|---|---|---|----|----|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| | 11 | | 1 | 18 | | | | | | | | 26 | | | | | 15 | 12 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|----|---------|-----|----|----|-----|-----|----|----|-----|----|----|----|-----|-----|----|----|-----|----|----|----|----|----|----|-----|-----|
| | E | D | E S | E | S | S | E M | S | | | | | | | | | | | | | | | | | | |
| | 9 | 17 | 18 | 1 | 13 | 2 | 18 | 12 | 9 | 13 | 8 | 18 | 12 | 7 | 12 | 9 | 18 | 26 | 13 | 12 | 3 | | | | | |
| | R | | | | | | | | | | | | R | | S | | | | | | | | | | | R |
| | 2 | 15 | 6 | 21 | 16 | | 6 | 24 | | 6 | 15 | 2 | 3 | 20 | 12 | 9 | 17 | 3 | 9 | | 10 | 6 | 15 | 23 | | |
| | E | | R E | | | | | | | E | | | | | M E | | | | | | | | | | | |
| | 22 | 13 | 23 | 18 | | 10 | 15 | 18 | 14 | 23 | 13 | 20 | 2 | 18 | 4 | 21 | 13 | 16 | 26 | 18 | 20 | 9 | 9 | 6 | | |
| B R E | | | | D | | | | | | E | | | | E M | | | | | | | | | | | | M |
| 11 | 15 | 18 | 3 | 23 | 1 | 6 | 10 | 20 | 9 | 17 | 18 | 14 | 17 | 18 | 26 | 13 | 14 | 3 | 22 | 14 | 6 | 26 | 16 | 6 | 20 | |
| | E | | S | | | | | | | D | | | | R | | | | | | | | | | | | E |
| | 18 | 20 | 9 | 12 | 6 | 24 | 24 | 6 | 6 | 1 | 9 | 17 | 15 | 6 | 21 | 2 | 17 | 9 | 17 | 18 | | | | | | |
| S E | | | | D | | E S | | | | E | | | | | | | | E S | | | | | | | | |
| 21 | 12 | 18 | 6 | 24 | 1 | 13 | 2 | 18 | 12 | 9 | 13 | 8 | 18 | 5 | 21 | 13 | 14 | 18 | 12 | | 13 | 20 | 9 | 6 | | |
| | | | | | | | | | | R E | | | | | | | | | | | | | | | | B E |
| | 9 | 13 | 20 | 7 | | 20 | 21 | 9 | 15 | 13 | 18 | 20 | 9 | 12 | 10 | 17 | 13 | 14 | 17 | | 14 | 3 | 20 | 11 | 18 | |
| B S | | R B E D | | | | | | | | E | | | | E R | | | | | | E | | | | | E R | |
| 3 | 11 | 12 | 6 | 15 | 11 | 18 | 1 | 9 | 6 | 2 | 18 | 20 | 18 | 15 | 3 | 9 | 18 | 18 | 20 | 18 | 15 | 2 | 7 | | | |
| | | | | | | | | | | R | | | | E | | B | | | | D | | | | | | |
| | | | | | | | | | | 24 | 6 | 15 | 9 | 17 | 18 | 11 | 6 | 1 | 7 | | | | | | | |

The Cardiovascular (circulatory & respiratory) System:

Complete each statement, and then find the words in the puzzle.

- The cardiovascular system includes the _____ and the _____.
- The respiratory system contains those organs which are responsible for carrying _____ from the air to the blood stream and expelling the waste product of carbon dioxide.
- Blood is that sticky, red fluid that circulates throughout our bodies in _____ and _____.
- The heart pumps oxygen into the blood and collects carbon dioxide from it to be expelled through the _____.
- We usually think of respiration as the process of the lungs after air is breathed in through the mouth or nose. The lungs do play a very important role, but every living cell in the body is involved in this process. Respiration is the act of burning _____ from oxygen.

6. _____ is an obvious part of the respiratory passages, but these also involve yawning, sneezing, coughing, hiccups, the power of speech, and the sense of smell.
7. The respiratory flow has been "kidnapped" by the larynx, or voice box, which uses it to create a multiple range of _____ so that humans can communicate vocally.
8. These systems' tasks include organs which take up space in the face and neck and most of the chest. The cardiovascular and respiratory systems are basic to life and breathing, like the beat of one's heart, is an _____ function which is controlled by the _____

Y H X F H B V V B Y F O A E T
 W G A C C L R J R Z D R N R B
 W P R B B E F E B S T M A O A
 D D J E U G P U A E H E N U U
 S M R J N N W A R T H X K X T
 D G R B N E X I I J H X B B O
 N B R N R O E I H V E I N S M
 U M B C G S B X W F M A N Q A
 O Y P X S V T O W I P Y B G T
 S Z F K N Q N F B H D T R Q I
 B L O O D V E S S E L S A J C
 N E G Y X O N Z E D M U I Q U
 W R G V N T A S M G Q N N L P
 J J U A Q H F I I L E L B G F
 G K B Z D N P V I X T S W C S

ARTERIES
BRAIN

AUTOMATIC
BREATHING

BLOODVESSELS
ENERGY

HEART
LUNGS

OXYGEN

The Muscular System

Unscramble each of the clue words.

Copy the letters in the numbered cells to other cells with the same number.

MUCLES

| | | | | | |
|---|----|----|----|--|----|
| | | | | | |
| 1 | 39 | 28 | 62 | | 40 |

TONCOTCARNI

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|---|----|----|
| | | | | | | | | | | |
| 65 | 75 | 42 | 32 | 35 | 41 | 81 | 23 | 7 | 31 | 25 |

OENISNT

| | | | | | | |
|----|----|----|---|----|----|----|
| | | | | | | |
| 36 | 43 | 20 | 3 | 64 | 73 | 72 |

NITPERO

| | | | | | | |
|--|----|----|----|----|----|----|
| | | | | | | |
| | 45 | 78 | 10 | 51 | 37 | 27 |

DARCAIC

| | | | | | | |
|----|----|----|----|----|----|---|
| | | | | | | |
| 77 | 66 | 79 | 16 | 71 | 29 | 4 |

SOTMOH

| | | | | | |
|---|----|----|----|----|----|
| | | | | | |
| 8 | 63 | 54 | 26 | 46 | 14 |

SETLAELK

| | | | | | | | |
|----|--|----|---|----|----|----|----|
| | | | | | | | |
| 38 | | 15 | 5 | 44 | 58 | 76 | 67 |

VYOLANTUR

| | | | | | | | |
|----|----|--|---|----|----|----|----|
| | | | | | | | |
| 56 | 19 | | 2 | 55 | 11 | 80 | 22 |

AVLINTYURNO

| | | | | | | | | | |
|----|----|--|----|--|----|----|---|----|----|
| | | | | | | | | | |
| 59 | 30 | | 48 | | 60 | 17 | 9 | 49 | 70 |

ECMILAHC REGYNE

| | | | | | | | | | | | | | |
|----|----|----|--|----|----|----|--|----|----|----|----|----|----|
| | | | | | | | | | | | | | |
| 50 | 33 | 34 | | 74 | 13 | 12 | | 24 | 68 | 21 | 57 | 61 | 52 |

ROFEC

| | | | | |
|----|----|----|----|---|
| | | | | |
| 47 | 18 | 69 | 53 | 6 |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |

| | |
|---|---|
| | |
| 7 | 8 |

| | | | | | | | |
|---|----|----|----|----|----|----|----|
| | | | | | | | |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| | |
|----|----|
| | |
| 17 | 18 |

| | | | |
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| | | | |
| B | | | |
| 19 | 20 | 21 | |

| | |
|----|--|
| | |
| B | |
| 22 | |

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|----|----|----|----|----|----|----|
| | | | | | | |
| 23 | 24 | 25 | 16 | 26 | 27 | 28 |

| | | |
|----|----|----|
| | | |
| 29 | 30 | 16 |

| | | | | |
|----|----|----|----|----|
| | | | | |
| 31 | 32 | 33 | 34 | 35 |

| | | | | | | |
|----|----|----|----|----|----|----|
| | | | | | | |
| 36 | 37 | 38 | 38 | 39 | 40 | 28 |

| | | |
|----|----|----|
| | | |
| 41 | 42 | 16 |

| | | | | | |
|----|---|----|----|----|----|
| | X | | | | |
| 43 | | 44 | 45 | 46 | 38 |

| | | | | |
|----|----|----|----|----|
| | | | | |
| 47 | 48 | 49 | 50 | 51 |

| | |
|----|--|
| | |
| B | |
| 52 | |

| | | | | | | | | | |
|----|----|----|----|---|----|----|----|----|----|
| | | | | | | | | | |
| 53 | 54 | 55 | 56 | 6 | 57 | 58 | 59 | 60 | 61 |

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| | | | | | | | |
| 62 | 14 | 44 | 63 | 64 | 65 | 66 | 67 |

| | | | | | |
|----|----|----|----|----|----|
| | | | | | |
| 24 | 68 | 43 | 69 | 61 | 70 |

| | | | |
|----|----|----|----|
| | | | |
| 71 | 72 | 46 | 73 |

| | | | | | | |
|----|----|----|----|----|----|----|
| | | | | | | |
| 23 | 15 | 25 | 28 | 74 | 75 | 27 |

| | | |
|----|----|----|
| | | |
| 76 | 30 | 16 |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | | | | | | |
| 77 | 78 | 72 | 58 | 79 | 80 | 81 | 23 | 59 | 75 | 55 |