Class K.W.L. Chart
The Spinal Column

<table>
<thead>
<tr>
<th>What I Know About the Spinal Cord</th>
<th>What I Want to Know About the Spinal Cord</th>
<th>What I Learned About the Spinal Cord</th>
</tr>
</thead>
<tbody>
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<td>1.</td>
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</tbody>
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Your K.W.L. Chart
The Spinal Cord

What I Know About the Spinal Cord

1. _______________________________________________________________________
2. _______________________________________________________________________
3. _______________________________________________________________________
4. _______________________________________________________________________

What I Want to Know About the Spinal Cord

1. _______________________________________________________________________
2. _______________________________________________________________________
3. _______________________________________________________________________
4. _______________________________________________________________________

What I Learned About the Spinal Cord

1. _______________________________________________________________________
2. _______________________________________________________________________
3. _______________________________________________________________________
4. _______________________________________________________________________
Spinal Cord Activity #1: Special Spool Spinal Cords

Directions: Write your observations about making the replica of the spinal cord.

1. How is it similar and/or different from the human spinal cord?

Similar: ________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Different: ________________________________________________________________

________________________________________________________________________

________________________________________________________________________

2. Do you have any other observations?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

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________________________________________________________________________
Axons
The long portion of neurons that conducts or moves impulses away from the body of the cell.

Backbone
Also known as the spinal column.

Central Nervous System
The part of the vertebrate nervous system consisting of the brain and spinal cord.

Neurotransmitters
Chemical substances that transmit nerve impulses across a synapse.
Spinal Cord
A long, tubelike structure protected by the spinal column, conducts sensory and motor nerve impulses to and from the brain.

Stem Cells
Young cells harvested from the human body and multiplied in a laboratory, that can grow into many different kinds of cells to replace damaged cells.

Synapse
The space across which a nerve impulse passes from an axon terminal to a neuron, muscle cell, or gland cell.

Vertebra
Any of the bones that make up the spinal column (backbone).
Vertebral Column
Also known as the spinal column or backbone