

Class K.W.L. Chart

Bones

**What We Know About
Bones**

**What We Want to Know
About Bones**

**What We Learned
About Bones**

Name: _____
Date: _____

Your K.W.L. Chart
Bones

**What I Know About
Bones**

- 1. _____

- 2. _____

- 3. _____

- 4. _____

**What I Want to Know
About Bones**

- 1. _____

- 2. _____

- 3. _____

- 4. _____

**What I Learned About
Bones**

- 1. _____

- 2. _____

- 3. _____

- 4. _____

Name: _____

Date: _____

Bone Activity 1:

Building Big Bones

Directions: Use the space below to write the similarities and differences between the “bone” filled with rocks and the “bone” filled with sponge.

Similarities

1.

2.

3.

4.

Differences

1.

2.

3.

4.

Name: _____

Date: _____

Bone Activity #1:

Building Big Bones

Directions: Answer the following questions about Bone Composition in the space provided.

1. Which materials made the “bones” lightweight and strong?

2. If bones were heavy like the “bone” filled with rocks, what kind of problems would humans have with movement?

3. Which material would be best for bones, the sponge or the rocks? Why?

4. How is the material you mentioned in Question #3 like bone marrow?

Name: _____

Date: _____

Bone Activity #2: _____ 's Broken Bone Report

1. Have you ever broken a bone? Yes or no.

2. How did your accident occur?

3. What was your experience like in the hospital?

Keywords to **Describe** Your **Experience**:

4. How long were you in your cast?

*0-1 Week= _____

*2-4 Weeks= _____

*4-6 Weeks= _____

*6+ Weeks= _____

5. How did your accident change what you could do?

Bone Activity #2: *Classroom Broken Bone Report*

1. Number of Students Who **Have** Broken a Bone: _____ Students
 Number of Students Who **Have Not** Broken a Bone: _____ Students

2. How did these accidents occur?

* _____ = _____ Students
 * _____ = _____ Students
 * _____ = _____ Students

* _____ = _____ Students
 * _____ = _____ Students
 * Other _____ = _____ Students

3. What are some key words to describe your experiences in the hospital?

* _____ = _____ Students
 * _____ = _____ Students
 * _____ = _____ Students

* _____ = _____ Students
 * _____ = _____ Students
 * Other _____ = _____ Students

4. How long were you in your cast?

*0-1 Week= _____ Students *2-4 Weeks= _____ Students *4-6 Weeks= _____ Students *6+ Weeks= _____ Students

5. How did your accident change what you could do?

Bone Activity #2:
Classroom Broken Bone Chart #1

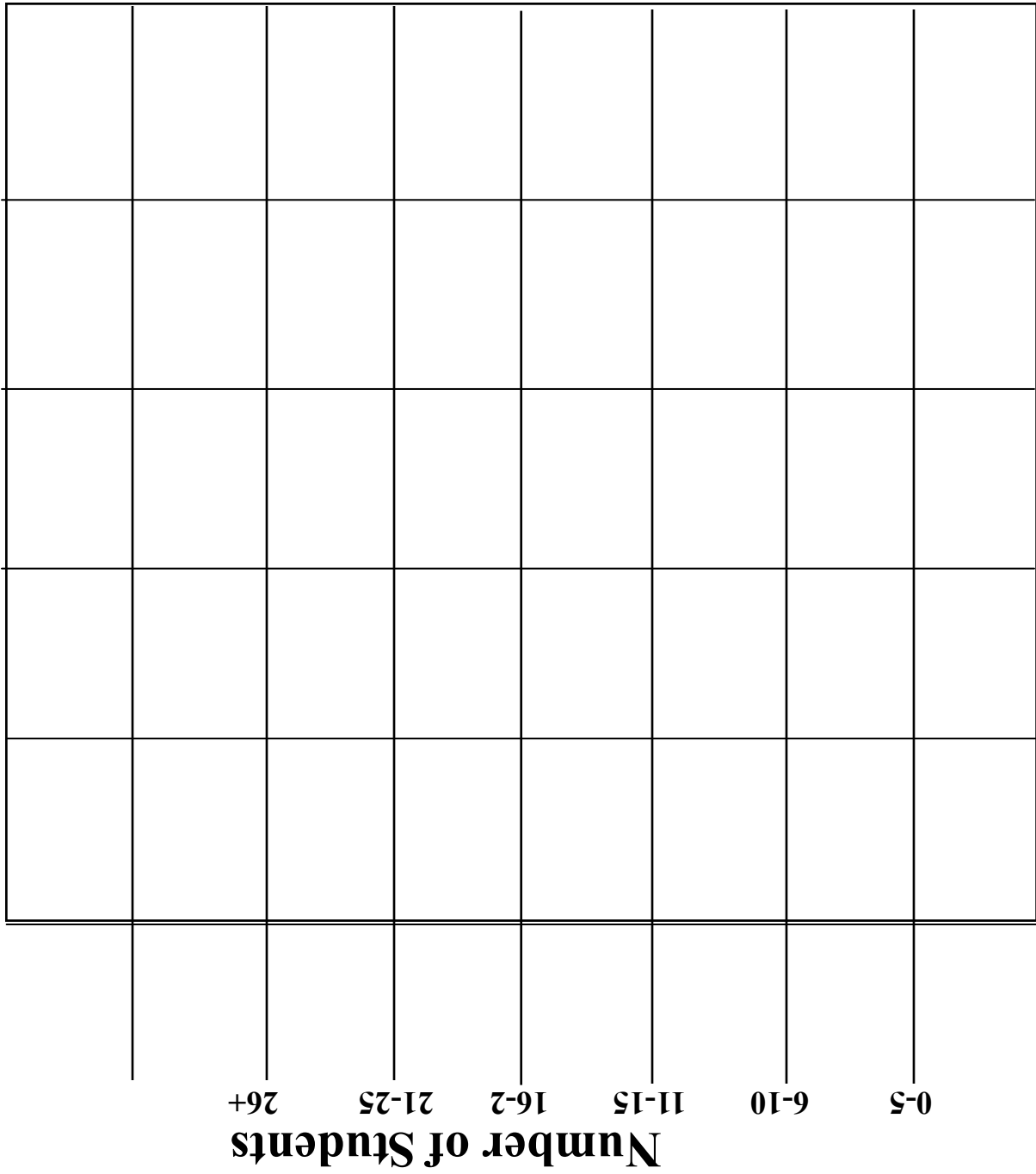
Title: -

	#1	#2	#3	#4	#5
26+					
21-25					
16-2					
11-15					
6-10					
0-5					

#1 #2 #3 #4 #5
Student Responses (*See Key)

Bone Activity #2:
Classroom Broken Bone Chart #2

Title: -



#1

#2

#3

#4

#5

Student Responses (*See Key)

Bone Activity #2:*Student Response Key– Chart #1***Title:** _____

Option Number	Student Response
#1	
#2	
#3	
#4	
—	
—	
—	

Bone Activity #2:
Student Response Key– Chart #2

Title: _____

Option Number	Student Response
#1	
#2	
#3	
#4	
—	
—	
—	

Patient Report
External View

Patient's Name: _____

Patient Report
Internal/X-Ray View

Patient's Name: _____

Hospital Report

Patient's Name: _____

1. What bone did the patient break?

2. Where did the injury occur?

3. How did the injury occur?

4. What did the x-ray appear to show?

5. How does this image differ from a healthy skeletal bone?

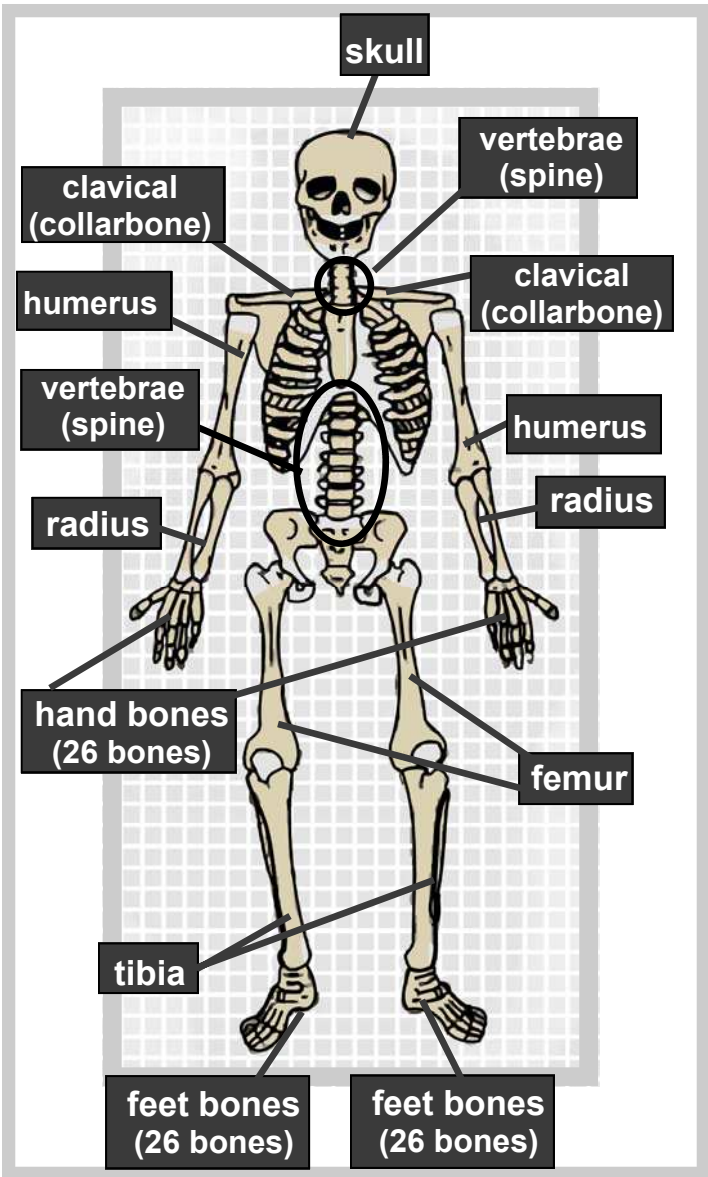
6. What course of treatment is suggested so that the patient may recover?

Bone Activity #3:

Salt Dough Skeleton Bone Labels

<p>My Pretzel Skeleton by _____</p>	<p>Bone #1 _____</p>
<p>Bone #2 _____</p>	<p>Bone #3 _____</p>
<p>Bone #4 _____</p>	<p>Bone #5 _____</p>
<p>Bone # _____</p>	<p>Bone # _____</p>

The Human Skeletal System



Name: _____
Date: _____

The Human Skeleton is composed of a special connective tissue called **bone**.

There are **206** bones in the human body!