

**First Aid**  
**Unit: Health Occupations**  
**Practical**

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

**A. Bleeding**

1. Moulage

Supplies

- a. Moulage Kit or consumables
- b. Describe the injury:

2. Scientific Approach (Life Science L8B5)

- a. If Hepatitis B is present in a CBC from a victim of a car accident in which you had contact with during the accident, what would be your plan of action for prevention?

3. English Approach (English Language Arts 7.12.5)

- a. If the patient was advised at the hospital to receive interferon treatment for this disease, how would you explain what this is to his peers?

4. Math Approach (Math Standard 3.4.1)

- a. Conversion to liters and round to the nearest tenth
  - i. \_\_\_\_\_ 407 ml
  - ii. \_\_\_\_\_ 3 quarts
  - iii. \_\_\_\_\_ 21 pints
  - iv. \_\_\_\_\_ 23 cc

5. Terminology: Unscramble to find the correct term.

- a. mpyhloytec
- b. egmholoinb
- c. rytear
- d. ssmoosi
- e. fapilclay illr
- f. ciasdtlio

**B. Fracture**

1. Moulage  
Supplies

- a. Moulage Kit or consumables
- b. Describe the injury:

2. Scientific Approach (Physical Science P12A)

- i. Diagram the following clotting terms using an arrow from the beginning to the end using practical application.

(scab, platelet, clotting factor, red marrow, injury)

3. English Approach (English Language Arts 1.12.3)  
What do the Latin prefixes stand for?

a.

<b>abdomin(o)-</b>	
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b.

<b>adip(o)-</b>	
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c.

<b>alb-</b>	
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d.

<b>Ante-</b>	
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e.

<b>aur(i)-</b>	
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4. Math Approach (Math Standard 3.12.3)

Determine the density of the yellow marrow of the radius. The 5 year olds bone weighs 80 grams and has a volume of 200 ml.

5. Terminology: Draw a line to the correct term

- |                 |               |
|-----------------|---------------|
| a. Diaphysis    | end of bone   |
| b. compact bone | bone cell     |
| c. spongy bone  | disease       |
| d. periosteum   | hard bone     |
| e. osteon       | thin covering |
| f. osteoporosis | red marrow    |

**C. Burn**

1. Moulage  
Supplies

- Moulage Kit or consumables
- Describe the type of burn:

2. Scientific Approach (Nature of Science N.12B1)

How has technology influenced the treatment of burn patients?

3. English Approach (English Language Arts Standard 6.12.3)

Write a poem about a burn victim or memorize one.

4. Math Approach (Math Standard 1.8.7)

A doctor prescribes 2000 mg of acetaminophen once a day. The capsules that the patient picks up at the pharmacy are 400 mg. How many capsules will the patient take a week?

5. Terminology: Find the words in the puzzle.

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

blister  
dermis  
epidermis  
first degree  
pus

redness  
second degree  
sunburn  
third degree  
waxy