

Name:

Due Date

College & Career Awareness
Cycle: Systems
Healthy Life Choices & Pharmacology



Overview: Technical writers prepare instruction manuals, journal articles, and other supporting documents to communicate complex and technical information more easily. Today you are going to become a technical writer. You are going to form a health instruction manual for teenage human beings.

Essential question: Which career pathways would need a technical writer?

Checklist:

___ Record input

___ Watch Healthy Habits for Life to help you write your health manual for teenage humans. Record your manual in your output. Remember, people don't want to read an encyclopedia when reading a manual. Be concise and clear, yet include all needed information.

- The point of breakfast
- Added sugars
- Benefits of fruits & veggies
- Manual for healthy lifestyle: diet & activity levels
- Best tricks for sleeping

___ Watch clip on dietician and write a wanted ad for a dietician job

___ Record in your output one healthy lifestyle goal. (I will become more healthy by....)
Remember to make it a smart goal:

Goal Setting

(S)PECIFIC _____

(M)EASURABLE _____

(A)CHIEVABLE _____

(R)EALISTIC _____

(T)IMELY _____

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Overview: A pharmacologist develops new drugs to cure, treat, and prevent disease. They test substances to find out if they are harmful and the effects they have on humans. A toxicologist finds new and better ways to determine harmful effects of poisons. They design and carry out studies of chemicals to find ways chemicals can be used safely so that our environments stay safe.

Essential question: Pharmacology and toxicology are nontraditional careers for whom?

Checklist:

___ Record input

___ Create a prescription label and prepare a pill bottle containing the correct dosage.

The recommended dose for meperidine is 6 mg/kg/day for pain. A child weighing 88 pounds can receive the medication q4h (every 4 hours).

a. How many mg can the child receive per day? _____

b. How many mg can the child receive per dose? (hint: Divide 24 hours by 4 hours to find the total number of doses per day) _____

2. The recommended dose for sulfasalazine, an antibiotic, is 30 mg/kg/day. An individual weighing 110 pounds is to take the medication tid.

a. How many mg can the individual receive per day? _____

b. How many mg can the individual receive per dose? (hint: remember the medication is tid) _____

3. A child weighing 44 pounds is to receive cefadroxil for a urinary tract infection q12h (every 12 hours). The recommended dose is 30 mg/kg/day.

a. How many mg can the child receive per day? _____

b. How many mg can the child receive per dose? _____

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Fill in the prescription label below using the information from your doctor's notebook. Remember, the prescription needs to be in language a patient can understand.

CTE Pharmacy

801-585-8888

25000 S State

SLC, UT 84115

Rx:

Date:

Dr:

Phone:

Pt.:

Directions:

Medication:

Qty:

Refills:

___ Fill out and tape the following in your output:

Pharmacist

Duties:

Education needed:

Salary:

Toxicologist

Duties:

Education needed:

Salary: